

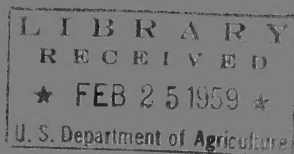
# WILLIS NURSERY COMPANY

OTTAWA • KANSAS

Phone CHerry 2-2525

## WHOLESALE PRICE LIST

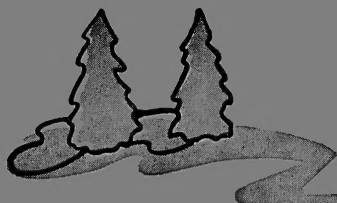
SPRING, 1959



*Plant America*

*A Leading Nursery  
of the Middle West*

Index — Outside Back Cover



*"Your Wholesale Nurserymen"*  
Since 1871

# Terms and Conditions of Sales

**TERMS**—2% discount for payments in ten days from date of invoice, net, 30 days, to those with established credit. C.O.D. orders must be accompanied by one-fourth cash. Packing will be charged at cost on all orders except bulk truck or car shipments. 6% interest charged on past due accounts. All supplies are net.

PRICES in this list cancel all previously published prices and are subject to change without notice. Order in multiples of 10 of a variety and grade. These prices apply on the following quantities:

Fruit Trees, Shade Trees, Shrubs, Vines and Perennials

300 or more @ 1000 rate (where published).

30 to 300 @ 100 rate.

10 to 30 @ 10 rate.

Under 10 @ 25% above 10 rate.

All grades and varieties in any class allowed to make total. For example: All fruit trees are considered one class, all shrubs one class, etc.

Small Fruits, Hedge-plants, Privet, and all Lining-out Stock

300 of same variety and grade @ 1000 rates.

Under 300 of same variety and grade @ 100 rates.

Evergreen, B & B.

30 trees (any assortment) @ 100 rate.

5 trees (any assortment) @ 10 rate.

Note: Classifications as given above are understood to be as listed under general headings in price list. For example: Fruit Trees, Vines, Shrubs, etc.

Broken lots of less than 10 of any one variety and grade will be billed at 25% above the 10 rate.

BOXES will be charged at cost. BALES will be charged at actual cost of material and labor. No charge for loading bulk trucks or cars.

SHIPPING—Please tell us how and when to ship your order, whether by rail freight, motor freight, or express, stating route if you have a preference. In the absence of definite instructions we will forward shipment the way we think best, without assuming responsibility. We are on the Santa Fe and Missouri Pacific railroads. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERIES—Bulk truck deliveries to customer's place of business can be made to many points at rates as low, or lower, than local freight rates. If you prefer to call for your stock with your own trucks, we should have several days' advance notice so we can have the stock ready.

NON-WARRANTY—We give no warranty, express or implied as to quality, life or productiveness of stock we sell. It is mutually agreed that our liability for stock proven untrue to name shall be limited to replacement or refund of original purchase price. All contracts subject to crop.

CLAIMS—All claims for any cause must be made in writing immediately upon receipt of goods. We will not entertain claims which are filed after goods have been accepted or which are not made within five days after arrival of stock.

## SHRUBS

All of our shrubs are field-grown and graded according to the standards of the American Association of Nurserymen. Sizes noted in the descriptions indicate average height of shrubs at maturity. "Hortus Second" is the authority for most of the heights given.

Tied 12 to 18 in., 25; 18 to 24 in., and 2 to 3 ft., 10; 3 to 4 ft., 5 per bundle.

### ALMOND, PINK FLOWERING

*Prunus glandulosa rosea*

This continues to be one of the aristocrats among flowering shrubs. Neat habit of growth, never gets out of bounds. Withstands high temperatures, extreme droughts and intense cold. In early spring before the leaves appear the stems are covered with double pink flowers, making it very showy and highly ornamental. Should be in every shrub border for early spring color. Excellent for foundation planting. Our plants won't sucker because they are grown on their own roots. 3 to 5 feet.

	Per 10	Per 100
2 to 3 feet, own roots .....	6.00	55.00
18 to 24 inches, own roots .....	5.00	45.00
12 to 18 inches, own roots .....	4.00	35.00

### ALMOND (*Prunus glandulosa*).

**White Flowering.** Similar to the pink flowering form described above, but with white flowers.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—

### ALTHEA (*Hibiscus syriacus*) **Rose of Sharon.** Bush form. Striking hollyhock-like flowers in late summer. 10 to 12 feet.

3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—

**Anemone,** Double pink

**Banner,** Double white, red center

**Ardens,** Double purple

**Lucy,** Double red

### MENTOR BARBERRY

*Berberis Mentorensis*

This barberry is one of the best ever introduced for the south and southwest. It withstands drought and high temperatures and in the south is evergreen. In Kansas it frequently holds its foliage until February; in places protected from winter sun it will remain green all winter. The foliage is large, thick, leathery, very attractive; red fruits in the fall and winter. It grows very bushy and will reach a height of 5 or 6 feet. There have never been enough of these plants to go around, it is in such great demand.

	Per 10	Per 100	Per 1000
2 to 2½ feet .....	7.00	65.00	600.00
18 to 24 inches .....	6.00	55.00	500.00
15 to 18 inches .....	5.00	45.00	400.00
12 to 15 inches .....	4.00	35.00	300.00
2 to 2½ feet, B & B .....	20.00	—	—
18 to 24 inches, B & B .....	18.00	—	—
15 to 18 inches, B & B .....	15.00	—	—
12 to 15 inches, B & B .....	12.50	—	—

**SHRUBS (Continued)**

**BARBERRY (Berberis).** Valuable for massing and for low hedging.

**Red Leaf (B. thunbergi atropurpurea).** Variety of Japanese barberry with bright red foliage all summer, red berries in autumn. 5 to 8 feet.

	Per 10	Per 100	Per 1000
18 to 24 inches .....	6.00	55.00	500.00
15 to 18 inches .....	5.00	45.00	400.00
12 to 15 inches .....	4.50	40.00	350.00
9 to 12 inches .....	3.00	25.00	—

**Thunbergi (Japanese Barberry).** Low growing, spreading shrub with numerous thorns and attractive foliage that turns red in the fall. Yellow flowers and red berries. Fine for hedges and mass planting. This barberry does not carry wheat rust. 5 to 8 feet.

15 to 18 inches .....	4.00	35.00	300.00
12 to 15 inches .....	3.50	30.00	250.00

**BUDDLEIA****Butterfly Bush**

Butterfly Bushes are handsome shrubs with long narrow leaves, grow 3 to 4 feet high in one season, and come in a wide range of color: red, purple, lavender, pink, and white.

Butterfly Bushes like reasonably fertile well drained soil, and plenty of sunlight. In the northern two-thirds of the country the tops die down in the winter, but new tops are developed the next season and bloom the same year. Tops should be cut back every spring, except *Alternifolia*.

We offer you a selection of six of the very best varieties.

**Charming.** The most nearly pink Butterfly Bush we have seen. Large, rather open sprays on tall vigorous bushes.

	Per 10	Per 100	Per 1000
No. 1 .....	4.00	35.00	320.00
Medium .....	3.20	28.00	250.00

**Dubonnet.** Live, reddish-purple, like the wine for which it is named. Extra long, full spikes. Continues to be one of the most popular.

No. 1 .....	4.00	35.00	320.00
Medium .....	3.20	28.00	250.00

**Floralart.** Developed in New Mexico by Mr. A. C. Miller and introduced by us. In our opinion it has the best flower of all because nearly the whole spike blooms at one time. On most other varieties the bottom flowers are faded before the top flowers open. For this reason Floralart makes best cut flowers. Handsome orchid-lavender flowers in large, full, very compact spikes. Medium size bush.

No. 1 .....	4.00	35.00	320.00
Medium .....	3.20	28.00	250.00

**Red.** As nearly red as you will find in Butterfly Bushes. This one is so good that we ought to give it a special name.

No. 1 .....	4.50	40.00	350.00
Medium .....	3.50	30.00	275.00

**White Cloud.** Does not grow so large as other varieties but makes neat compact bush completely covered with well formed spikes of white flowers. Especially good in borders and for cut flowers.

No. 1 .....	4.50	40.00	350.00
Medium .....	3.50	30.00	275.00

**CALLICARPA DICHOTOMA (Purpurea) Purple Beautyberry.** Large showy clusters of lavender-purple berries, pink flowers. 4 feet.

3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00

**SHRUBS (Continued)****CARYOPTERIS AZURE**

A NEW Blue Spirea introduced by the U. S. D. A. It has deeper blue flowers and darker foliage than Blue Mist and grows into a more compact shrub. In our opinion this is the finest caryopteris on the market.

	Per 10	Per 100
No. 1 .....	5.50	50.00
Medium .....	4.50	40.00

**CARYOPTERIS INCANA. BLUE MIST (Blue Beard, Blue Spirea).** Compact, low-growing shrub, covered with masses of powdery-blue flowers from August to frost. Tops are perennial like Butterfly Bush. 5 feet.

	Per 10	Per 100	Per 1000
Medium .....	3.00	25.00	—

**CERCIS CANADENSIS (Redbud).** Shrub form. Heart shaped leaves; rosy-red flowers in spring. 40 feet.

6 to 8 feet .....	27.50	250.00	—
5 to 6 feet .....	20.00	190.00	—
4 to 5 feet .....	15.00	135.00	—

**CHAENOMELES LAGENARIA (Flowering Quince)**

Large scarlet flowers produced in great profusion in early spring before the leaves come out. A spectacular shrub and for that reason very popular. We grow ours from cuttings taken from blooming wood thereby insuring uniformity of flower and shrub.

3 to 3½ feet .....	6.00	55.00	500.00
2 to 3 feet .....	5.00	45.00	400.00
18 to 24 inches .....	4.00	35.00	300.00
12 to 18 inches .....	3.00	25.00	—

**FLOWERING QUINCE****Apple Blossom**

The flowers of this variety bear a remarkable resemblance to apple blossoms in size, shape and color. In bud they are almost red; when fully open the flowers are a light pink with deeper tones near the outer edges. Blooms early before the leaves are fully developed. Shrubs are vigorous growers, and the tips of the leaves are red on the new growth.

	Per 10	Per 100
2 to 3 feet .....	9.00	85.00
18 to 24 inches .....	7.00	65.00
12 to 18 inches .....	5.50	50.00

**FLOWERING QUINCE****Glowing-Ember (Trade Mark)**

We are proud to be the introducers of this superior strain of flowering Quince. It took many years of observation and selection to come up with this upright growing shrub of uniform habit, with brilliant red flowers. It is grown from cuttings of course, in order to perpetuate these desirable characteristics. 10 feet.

	Per 10	Per 100	Per 1000
3 to 3½ feet .....	7.50	65.00	600.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	3.50	30.00	—

**SHRUBS (Continued)****FLOWERING QUINCE****Indian Chief**

We have selected this as one of the best red flowering quinces of many varieties that we have tested over a period of years. The flowers are large, scarlet-red, appearing in great profusion before the leaves develop. The shrub is semi-upright, semi-dwarf with medium size dark green shiny foliage. The new growth is reddish in color.

	Per 10	Per 100
2 to 3 feet .....	9.00	85.00
18 to 24 inches .....	7.00	65.00
12 to 18 inches .....	5.50	50.00

**FLOWERING QUINCE****Texas Pink**

We have tested many varieties of flowering quince and in our opinion Texas Pink is the best pink. The flowers are quite large and clear pink. The shrub is a sturdy grower with a semi-upright habit of growth with long narrow dark green shiny leaves. The new growth is distinctly reddish adding greatly to the interesting appearance of the plant.

	Per 10	Per 100
2 to 3 feet .....	8.50	75.00
18 to 24 inches .....	5.00	45.00
12 to 18 inches .....	3.50	30.00

**CHIONANTHUS VIRGINICA (Fringe Tree).** Long panicles of white fringe-like flowers in May, followed by attractive dark blue fruits.

	Per 10	Per 100	Per 1000
12 to 18 inches, well branched .....	7.00	65.00	—
9 to 12 inches .....	4.50	40.00	—

**CORNUS (Dogwood).**

**Stolonifera (Red-osier Dogwood).** Dark red branches, large clusters of white flowers in early summer followed by bluish-white berries.

3 to 4 feet .....	7.50	70.00	650.00
2 to 3 feet .....	6.50	60.00	550.00
18 to 24 inches .....	5.50	50.00	450.00

**COTINUS COGGYRIA (Smoke Tree or Purple Fringe.)** Rapid growing, highly ornamental shrubs with large panicles of smoky purple flowers. Thrives in heat and drought. 15 feet.

18 to 24 inches .....	7.00	65.00	—
12 to 18 inches .....	5.50	50.00	—

**COTONEASTER**

**Acutifolia (Peking Cotoneaster).** Slender, spreading branches, pinkish flowers. Black berries in fall. Desirable for individual specimens, shrub groups, or for hedges. Shears well for formal hedges. 12 feet. Thrives from Texas to North Dakota.

18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—

**Divaricata.** Handsome shrub with small dark green leaves, slender spreading branches, pink flowers, red berries; almost evergreen.

2 to 3 feet B & B .....	20.00	—	—
18 to 24 inches B & B .....	17.50	—	—

**SHRUBS (Continued)**

**CRAPEMYRTLE** (*Lagerstroemia indica*). Heads of bright creped flowers July to September. **Red or Pink.** State color wanted.

	Per 10	Per 100	Per 1000
18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	4.00	35.00	—

**CYDONIA** (See *Chaenomeles*)

**DEUTZIA CORYMBOSA**  
(*Himalaya Deutzia*)

New, from the Himalaya region of Asia. An attractive shrub with great masses of large drooping panicles of double white flowers in early summer. Highly ornamental. 6 to 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—
12 to 18 inches .....	4.50	40.00	—

**DEUTZIA**

**Gracilis** (*Slender Deutzia*). A low-growing, graceful shrub with slender branches and many white flowers in early summer. 3 feet.

	Per 10	Per 100	Per 1000
15 to 18 inches .....	6.00	55.00	500.00
12 to 15 inches .....	5.00	45.00	400.00

**Gracilis Rosea.** Similar to *Gracilis*, but has pink flowers and is a stronger grower. Semi-dwarf. 4 feet.

18 to 24 inches .....	6.50	60.00	550.00
15 to 18 inches .....	5.50	50.00	—

**ELDER** (See *Sambucus*)

**ELAEAGNUS ANGUSTIFOLIA** (*Russian Olive*). Very hardy, silvery leaves, fragrant flowers. Fruit is silvery yellow. 20 feet.

6 to 8 feet .....	13.50	125.00	—
4 to 5 feet .....	9.50	85.00	—
3 to 4 feet .....	7.00	65.00	—
18 to 24 inches .....	4.50	40.00	—

**EUONYMUS**

**Alatus compactus.** Yellow flowers May-June followed by red fruits. Brilliant fall colors, corky bark, hardy, semi-dwarf. 4 to 5 feet.

15 to 18 inches .....	9.00	80.00	—
12 to 15 inches .....	7.00	65.00	—

**Europaeus.** Hardy shrub with long serrated leaves. Yellow flowers and pink fruit which remains after leaves fall. Can be grown as a small tree. 20 feet.

2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—

(See also **Broadleaf Evergreens**)

**EXOCHORDA RACEMOSA** (*Grandiflora*) **Pearl Bush.** Neat spirea-like shrub with clusters of snowy white flowers in spring. In bud, the flowers resemble pearls. 10 feet.

3 to 4 feet .....	7.50	70.00	—
2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—

**SHRUBS (Continued)****FORSYTHIA (Golden Bell).** Bright yellow flowers, early spring.**Arnold's Giant.** An introduction of the Arnold Arboretum, with giant yellow flowers.

	Per 10	Per 100	Per 1000
3 to 4 feet .....	7.50	70.00	—
2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—

**Intermedia Spectabilis (Showy Forsythia).** Largest, darkest flowers. Most profuse bloomer, 10 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet .....	7.50	70.00	650.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	3.50	30.00	—

**FORSYTHIA SPRING GLORY**

New! One of the finest forsythias ever introduced. Covered with pale yellow flowers early spring. Produces many more blossoms than other varieties. 10 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet .....	7.50	70.00	650.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	—

**HONEYSUCKLE (Lonicera).** Desirable for foliage, flowers and berries.**BLUE LEAF HONEYSUCKLE****(Lonicera korolkowi floribunda)**

Here is an excellent shrub that has been overlooked by many nurserymen. Beautiful silvery-blue foliage on gracefully arching branches. Rosy-pink flowers and red fruit. Compact habit of growth, hardy. 8 to 10 feet.

	Per 10	Per 100
3 to 4 feet .....	7.00	65.00
2 to 3 feet .....	6.00	55.00
18 to 24 inches .....	4.50	40.00

**Fragrantissima (Winter Honeysuckle).** Fragrant white flowers March-April. Nearly evergreen. 6 to 8 feet.

	Per 10	Per 100	Per 1000
18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	4.00	35.00	—

**Tatarica Rosea.** Rosy-pink flowers, red berries. 10 feet.

2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—

**Tatarica Rubra.** Flower buds are red; open to a deep pink. One of the best. 10 feet.

2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—

**Zabeli.** Compact shrub with rounded leaves. Flowers deep red in bud, opening to reddish-pink, one of the best bush honeysuckles.

3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—



**SHRUBS (Continued)****HYDRANGEA**

**Arborescens grandiflora (Snowhill H.).** Very large white snowball-like flowers in June and July. Attractive dark green foliage. Does very well in shady locations.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.50	60.00	550.00
18 to 24 inches .....	5.50	50.00	450.00
12 to 18 inches .....	3.50	30.00	—

**HYDRANGEA PEEGEE****Hydrangea paniculata grandiflora**

In keeping with the Willis policy of striving for the best, we are offering the Meehan strain of Hydrangea Peegee, known to be the finest of Peegees. Enormous cone-shaped heads of white flowers, often a foot or more across. The flowers slowly change from white to pink, progressing to rose, and finally in autumn to bronze. Make good winter bouquets. Long blooming season from July to October. Grow 6 to 8 feet high. Use for foundation planting, shrub borders, or individual specimen. 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.50	60.00	550.00
18 to 24 inches .....	5.50	50.00	450.00

**NIKKO BLUE HYDRANGEA****The Most Beautiful Hardy Blue Hydrangea**

Both hardy and beautiful. It has withstood temperatures of 20 degrees below zero. The tops die down to the ground every winter, but give them a little mulch protection and the crowns will grow into bushy shrubs in one season, 2 to 4 feet tall with attractive, luxuriant foliage and great masses of flowers.

Because the flowers are borne on the new wood, you get blooms every year, and lots of them. It is not at all unusual to see flower heads more than a foot across and the shrub completely covered with them—a wonderful show.

In alkaline soil the flowers are pink; in acid they are blue. It's easy to change alkaline soil into acid with aluminum sulphate (two tablespoons to a gallon of water). Useful for:

	Planting in Tubs and Boxes Foundation Plantings		
	Per 10	Per 100	Per 1000
<b>Perennial Borders</b>			
<b>Shrub Borders</b>			
<b>Lawn Specimens</b>			
No. 1 .....	9.00	85.00	800.00
Medium .....	7.50	70.00	650.00

**KOLKWITZIA AMABILIS (Beauty Bush).** A graceful shrub covered with small pink flowers in May. 6 to 8 feet.

	Per 10	Per 100	Per 1000
12 to 18 inches .....	4.00	35.00	—

**TEXAS**—November 26, 1958—"The plants were received November 25 in very good condition. The packing of plants was excellent."

**SHRUBS (Continued)****LILACS (Syringa).****French Lilacs. Named varieties.**

	Per 10	Per 100	Per 1000
2 to 3 feet .....	8.50	80.00	—
18 to 24 inches .....	6.50	60.00	—
12 to 18 inches .....	5.50	50.00	—
	2-3'	18-24"	12-18"
Hugo Koster, single lilac .....	—	x	x
Hugo de Vries, double reddish-purple .....	x	x	x
Ludwig Spaeth, single deep purple .....	—	—	x
Mme. Casimir Perier, double white .....	—	x	x
Mme. Florent Stepman, single white .....	x	x	x
Michel Buchner, double lilac .....	—	x	x

**Rothomagensis (Chinese Lilac).** Vigorous grower with slender arching branches; dependable bloomer. Large, broad flower heads of reddish-purple. Excellent for screens, hedges or specimens. 15 feet.

3 to 4 feet .....	7.00	65.00	600.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	4.00	35.00	—

**Rothomagensis, Pink.** Selected strain with beautiful pink flowers.

2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	—

**Rothomagensis, White.** A selection of Rothomagensis that has white flowers slightly tinged with lavender. It is as near white as any Chinese lilac we have seen.

18 to 24 inches .....	5.00	45.00	—
12 to 18 inches .....	4.00	35.00	—

**Vulgaris. (Common or Old-fashioned Lilac).** Hardy, popular shrub. Purplish flowers in large panicles. April-May. 12 to 18 feet.

3 to 4 feet .....	7.00	65.00	600.00
2 to 3 feet .....	5.50	50.00	450.00

**PHILADELPHUS (Mockorange).****Coronarius (Sweet Mockorange).** A well-known, popular, hardy shrub. Fragrant white flowers in May and June. Vigorous grower. 10 feet.

3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.50	30.00	—

**Lemoinei Enchantment.** Single white flowers, in thick panicles on sturdy heavy foliaged plant. 7 to 8 feet.

3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	4.50	40.00	—
12 to 18 inches .....	3.50	30.00	—

**Lemoinei Mont Blanc.** Blooms profusely with exceedingly fragrant white flowers.

3 to 4 feet .....	8.00	75.00	—
2 to 3 feet .....	6.50	60.00	550.00
18 to 24 inches .....	5.50	50.00	—
12 to 18 inches .....	4.00	35.00	—

**Minnesota Snowflake (Plant Patent No. 538).** Very double flowers of white. Blooms several times during season. As hardy as it is beautiful. Coming from Minnesota, you may be sure it will survive the most rugged winters. Very profuse blooming, and the flowers are unusually sweet-scented. The bush grows symmetrically and very quickly. Thrives in ordinary soil, in either sun or shade. Far superior to Virginalis or any strain—an extraordinarily good Mock Orange. 8 feet.

3 to 4 feet .....	10.00	90.00	—
2 to 3 feet .....	7.50	70.00	—
18 to 24 inches .....	6.50	60.00	—

**SHRUBS (Continued)****PHILADELPHUS (Continued)**

**Virginalis (Virginal Mockorange).** Bushy symmetrical shrubs with semi-double white fragrant flowers. Prolific bloomer May-June. 7 to 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	4.00	35.00	300.00
9 to 12 inches .....	2.20	20.00	—

**PRIVET (See Page 12)****PRUNUS**

**Tomentosa (Manchu or Nanking Cherry).** Large white flowers just before the leaves appear; attractive serrate foliage. Bears large red, edible cherries. A superior dual-purpose shrub. 8 feet.

2 to 3 feet .....	6.00	55.00	—
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	4.00	35.00	—

**HANSEN'S BUSH CHERRY****Prunus besseyi**

Because this shrub is almost always featured for its fruit-bearing qualities, its ornamental value is often overlooked. In fact if it bore no fruit at all it would be worthy of a place in the garden.

The foliage has an unusual blue-green tinge. The habit of growth is graceful and it never gets too large. Best of all, in the fall the foliage changes to brilliant purple and crimson. Large black fruits, good for preserves. 5 feet.

<b>Transplants, branched</b>	Per 10	Per 100	Per 1000
3 to 4 feet .....	6.00	55.00	—
2 to 3 feet .....	5.00	45.00	400.00
18 to 24 inches .....	3.50	30.00	250.00
12 to 18 inches .....	2.20	20.00	—

**PURPLE FRINGE (See Cotinus).****QUINCE (See Chaenomeles)****REDBUD (See Cercis under Shrubs, also in Shade Trees.)**

**RHODOTYPOS SCANDENS. R. Kerrioides (Jetbead).** Low spreading shrub with crinkled leaves and white flowers. Clusters of black shiny fruits in autumn. Useful border plant. Hardy north. 4 to 5 feet

	Per 10	Per 100	Per 1000
2 to 3 feet .....	7.00	65.00	600.00
18 to 24 inches .....	6.00	55.00	500.00
12 to 18 inches .....	5.00	45.00	—

**RHUS (Sumac)**

**Canadensis (Aromatica) (Fragrant Sumac).** Highly aromatic foliage, clusters of yellow flowers in May followed by showy red berries. Withstands extremes of heat and drought and thrives in poor soil. 6 to 8 feet.

3 to 4 feet .....	8.00	75.00	—
2 to 3 feet .....	6.50	60.00	—
18 to 24 inches .....	5.50	50.00	—

**RUSSIAN OLIVE (See Elaeagnus)****SALIX (See Willow)**

**SHRUBS (Continued)**

**SAMBUCUS CANADENSIS AUREA (Golden Elder).** Bright golden-yellow foliage all summer. Strong grower.

4 to 5 feet .....	8.00	75.00	—
3 to 4 feet .....	6.50	60.00	—
2 to 3 feet .....	5.50	50.00	—
18 to 24 inches .....	4.50	40.00	—

**SMOKETREE (See Cotinus)**

**SPIREA.** One of the most useful groups of shrubs.

**Anthony Waterer.** Dwarf shrub with flat-topped clusters of pinkish-red flowers all summer. 24-30 inches.

15 to 18 inches .....	5.50	50.00	—
12 to 15 inches .....	4.50	40.00	—
9 to 12 inches .....	3.00	25.00	—

**Arguta (Garland Spirea).** Upright; narrow leaves, clusters of single white flowers. One of the first to bloom. 5 to 6 feet.

3 to 4 feet .....	7.50	65.00	600.00
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.00	45.00	400.00
12 to 18 inches .....	4.00	35.00	300.00

**Blue (See Caryopteris).**

**Freebeli.** Vigorous, semi-dwarf shrub that is very hardy. Bright pink flowers all summer long. Purplish tips to foliage in spring, beautiful autumn colors. 4 feet.

2 to 2½ feet .....	6.00	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	4.00	35.00	300.00

**Prunifolia Plena (Double Bridalwreath).** This is the true Bridalwreath spirea. Great masses of small double white flowers in early spring. Refined foliage. 6 feet.

3 to 4 feet .....	7.00	65.00	—
2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	5.50	45.00	400.00

**Thunbergi.** Low growing shrub, slender branches. Spreading habit. Feathery foliage, pure white flowers, early bloomer. 5 feet.

2 to 3 feet .....	6.00	55.00	500.00
18 to 24 inches .....	4.50	40.00	350.00
12 to 18 inches .....	3.50	30.00	—

**Vanhouttei (Bridalwreath).** Great masses of white flowers in early spring. Sometimes called Bridal Wreath. 6 feet.

2 to 3 feet .....	5.00	45.00	400.00
18 to 24 inches .....	4.00	35.00	300.00

**SUMAC (See Rhus)**

**SNOWBALL (See Viburnum).**

**TAMARIX.** Grown chiefly for its fine, graceful foliage and showy flowers.

**Africana.** Slender, spreading branches covered with feathery green foliage. Pink flowers. 10 feet.

3 to 4 feet .....	6.50	60.00	550.00
2 to 3 feet .....	5.50	50.00	450.00
18 to 24 inches .....	4.50	40.00	350.00

**NOTICE:** The tops of tamarix must be cut back short when transplanting. If this is not done, they may fail to grow.

**SHRUBS (Continued)****VIBURNUM**

**Dentatum (Arrowwood).** Rounded, coarsely-toothed leaves. Large white flower clusters in May-June followed by attractive blue-black fruits. 15 feet.

12 to 18 inches .....	3.50	30.00	—
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**Opulus sterilis (Common Snowball).** Similar to the Cranberry-bush but the flowers are in large balls, very showy.

2 to 3 feet .....	7.00	65.00	—
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18 to 24 inches .....	5.50	50.00	—
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12 to 18 inches .....	4.50	40.00	—
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**WEIGELA**

**Newport.** An improved variety. Blooms very freely with brilliant red flowers in May-June. 5 feet.

18 to 24 inches .....	5.50	50.00	—
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**Rosea (Florida).** Bright pink trumpet-shaped flowers. 6 to 8 feet.

3 to 4 feet .....	7.50	70.00	—
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2 to 3 feet .....	6.00	55.00	—
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18 to 24 inches .....	5.00	45.00	—
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**Vanicek.** New variety with deep red flowers.

18 to 24 inches .....	5.50	50.00	—
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**Variegated.** A dwarf shrub with leaves variegated gold and green. Pink flowers.

2 to 3 feet .....	7.00	65.00	600.00
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18 to 24 inches .....	5.50	50.00	450.00
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**WILLOW (Salix)**

**Discolor (American Pussy Willow).** Large furry grey catkins in early spring before leaves appear. 20 feet.

4 to 5 feet .....	8.50	75.00	700.00
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3 to 4 feet .....	6.00	55.00	500.00
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**NEW SERVICES**

Customers who wish may now have their evergreens sprayed with **Wilt-Pruf** before digging. The trees can also be burlapped with **No-Rot** burlap, which is treated to last much longer than untreated burlap. There is a small extra charge for this service. See page 25.

**JUNIPER GRAFTS**

For many years we have been grafting junipers with good success. Some of the largest nurseries in the country are among our customers for them. See the excellent assortment we are offering on page 41.

**MICHIGAN**—November 24, 1958—"Received the shipment of plants Saturday in excellent condition. Very nice plants, too!"

**NEW MEXICO**—December 4, 1958—"All stock arrived in very good condition, so find check enclosed."

**KANSAS**—December 29, 1958—"Very nice stock. Thank you."

## PRIVET

### PRIVET (*Ligustrum*)

**Amur River North.** Hardy, well adapted to northern states. Upright branches, rather glossy, oval leaves.

	Per 100	Per 1000
3 to 4 feet, 5 canes and up	22.00	180.00
2 to 3 feet, 4 canes and up	18.00	150.00
18 to 24 inches, 3 canes and up	14.00	125.00
18 to 24 inches, 2 canes	12.00	100.00
12 to 18 inches, 3 canes and up	12.00	100.00
12 to 18 inches, 2 canes	9.00	80.00

**Amur River South. (*L. sinensis*).** Very bushy plants with fine box-like foliage. Makes a beautiful, dense hedge. Suitable for planting in Oklahoma and south. Transplants.

2 to 3 feet, well branched	17.50	—
18 to 24 inches, well branched	14.00	125.00
12 to 18 inches, well branched	12.00	100.00

**California.** Glossy green leaves, suited to southern half of the United States. Extremely popular for formal hedges.

2 to 3 feet, 4 canes and up	16.50	140.00
18 to 24 inches, 3 canes and up	12.50	110.00
12 to 18 inches, 3 canes and up	9.00	80.00

**Ibolum (Hardy California).** Cross between Border privet and California privet. Beautiful shiny foliage resembling that of California, but strain is much harder.

3 to 4 feet, 5 canes and up	20.00	175.00
2 to 3 feet, 4 canes and up	16.50	140.00
18 to 24 inches, 3 canes and up	12.00	100.00
18 to 24 inches, 2 canes	9.00	80.00

**Ibota vicari (Hardy Golden Ibota P.)** Compact, low growing shrub with golden yellow foliage. Useful for adding color to landscape plantings. Use as specimens or in hedges.

2 to 3 feet	60.00	—
9 to 12 inches	20.00	—

**Regel.** Low growing, dense, horizontal spreading branches. Desirable for low mass planting.

	Per 10	Per 100	Per 1000
2 to 2½ feet spread, well branched	5.50	50.00	450.00
18 to 24 inches, spread, well branched	4.50	40.00	350.00
12 to 18 inches, spread, well branched	3.00	25.00	220.00

### SPREADING AMUR PRIVET

A selection of the hardy Amur River North Privet that grows horizontally like the Regel Privet. Grows more rapidly than Regel.

	Per 10	Per 100	Per 1000
Can be used wherever the latter is planted.			
2 to 2½ feet, spread	4.50	40.00	350.00
18 to 24 inches, spread	4.00	35.00	300.00
12 to 18 inches, spread	3.00	25.00	200.00

### ERECT BORDER PRIVET

(*Obtusifolium erecta*)

New! Here is one which produces a dense hedge more quickly than Amur Privet North. It has a dense, branching habit of growth, and grows rapidly, branching better than Amur. Holds green foliage longer than Amur. Large lustrous foliage and it is hardy!

	Per 100	Per 1000
3 to 4 feet, 5 canes and up	20.00	180.00
2 to 3 feet, 4 canes and up	18.00	150.00
18 to 24 inches, 3 canes and up	14.00	125.00
18 to 24 inches, 2 canes	12.00	100.00
12 to 18 inches, 3 canes and up	12.00	100.00
12 to 18 inches, 2 canes	9.00	80.00

## VINES

### AMPELOPSIS (Parthenocissus) (Ivy)

**Englemanni (Engleman Creeper).** Hardy clinging vine, bright autumn colors.

	Per 10	Per 100	Per 1000
2 year, No. 1 .....	4.00	35.00	300.00
2 year, Medium .....	3.50	30.00	250.00

**Quinquefolia (Virginia Creeper).** Rapid growing five leaf ivy. Hardy and suitable for covering stone walls, trellises, fences, etc.

2 year, No. 1 .....	4.00	35.00	300.00
2 year, Medium .....	3.50	30.00	250.00

**Parthenocissus tricuspidata (Boston Ivy).** Used to be called **Ampelopsis veitchii**. Continues to be one of the most aristocratic and refined of vines. It will cling to brick, stucco, stone, and rough wood without support. The foliage stands smoke and dust well, and in autumn turns brilliant shades of scarlet and orange.

2 year, Medium .....	4.50	40.00	—
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**CELASTRUS SCANDENS (American Bittersweet).** Hardy vine producing clusters of yellow berries that burst open when ripe revealing brilliant red centers. Excellent for winter decoration, indoors and out. **Our plants are grown from cuttings taken from blooming plants. Seedlings sometimes fail to fruit.**

2 year, No. 1 .....	4.50	40.00	350.00
2 year, Medium .....	3.50	30.00	250.00

### CLEMATIS

**Crispa (Curly Clematis).** Urn-shaped flowers, bluish-purple, fragrant. June to September.

No. 1 .....	4.50	40.00	—
Medium .....	3.50	30.00	—

**Paniculata.** In September and October these vines are covered with great masses of fragrant white flowers about one inch across. A longtime favorite.

2 year, No. 1 .....	5.50	50.00	450.00
2 year, Medium .....	4.50	40.00	350.00

**Texensis (Coccinea) (Scarlet Clematis).** Brilliant scarlet urn-shaped flowers with thick petals. July-September.

No. 1 .....	4.50	40.00	—
Medium .....	3.50	30.00	—

### EUONYMUS

**Fortunei Coloratus (Purpleleaf Wintercreeper).** Evergreen foliage that turns bronzy-red in autumn. Excellent ground cover.

3 inch pots .....	3.50	30.00	—
2½ inch pots .....	3.00	25.00	—
2-inch pots .....	2.50	20.00	—

**Fortunei Minimus (Baby Euonymus).** Slow-growing dwarf broadleaf evergreen with small leaves. Clings tightly to rough surfaces; excellent for covering low walls.

3-inch pots .....	4.00	35.00	—
2-inch pots .....	3.00	25.00	—

### HONEYSUCKLE (See Lonicera)

**HEDERA HELIX (English Ivy).** Evergreen vines that will cling to stone, brick and stucco. Ideal for covering walls and chimneys.

2-inch pots .....	1.75	15.00	—
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## VINES (Continued)

## LONICERA (Honeysuckle)

**Goldflame (Trademark).** Large flame-coral trumpets lined with gold, fragrant after nightfall. Hardy; everblooming. **This is the true Goldflame, an introduction of The Willis Nurseries.**

	Per 10	Per 100	Per 1000
2 year, No. 1 .....	5.50	50.00	450.00
2 year, Medium .....	4.50	40.00	350.00

**Halls Japan. (L. Halleana).** Flowers pure white changing to yellow; very fragrant. Vigorous grower, evergreen foliage.

2 year, No. 1 .....	2.50	22.50	200.00
2 year, Medium .....	2.10	18.00	160.00

**Purpleleaf. (L. Japonica, Purpleleaf).** Evergreen foliage; bronzy in summer, purple in fall and winter. Fragrant creamy pink flowers all summer. Very vigorous grower. Good for screens, hedges, planter boxes. Can be sheared.

2 year, No. 1 .....	4.00	35.00	300.00
2 year, Medium .....	3.50	30.00	250.00

**Sempervirens magnifica (Dreer's Everblooming H.).** Blooms all summer with large clusters of coral-red trumpet-shaped flowers.

2 year, No. 1 .....	5.50	50.00	—
2 year, Medium .....	4.50	40.00	—

**REDGOLD HONEYSUCKLE**  
(Trademark)

**Lonicera Tellmanniana**

Extremely long flowers that are very striking. The buds are golden, flushed with red. They open into huge, intensely golden trumpets. The foliage is very clean, light green above, blue-green below. In windy weather the varying colors caused by the difference in shades creates unusual and interesting effects. Blooms May-June.

	Per 10	Per 100	Per 1000
2 year, No. 1 .....	5.50	50.00	450.00
2 year, Medium .....	4.50	40.00	350.00

## POLYGONUM

**Auberti (Silver Lacevine).** One of the fastest growing vines. Just the thing to cover a big area in a short time, either on a trellis or on the ground. Blooms the first year with great masses of foamy white flowers.

	Per 10	Per 100	Per 1000
2 year, No. 1 .....	5.00	45.00	400.00
2 year, Medium .....	4.00	35.00	300.00

## VINCA (See Perennials)

## WISTERIA

**Sinensis (Chinese Wisteria).** Long attractive clusters of purplish-blue flowers early summer. Vigorous grower. **Our plants were propagated from blooming wood.**

2 year Medium .....	3.00	25.00	—
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## SHADE AND ORNAMENTAL TREES

All our shade trees are grown in wide rows with plenty of space between them in the row to allow for proper development. Calipers are measured 6 inches above the collar. Sizes given in descriptions indicate height at maturity as given in "Hortus Second."

### BALLED AND BURLAPPED SHADE TREES

Certain varieties and grades of shade trees can be balled and burlapped. For this service, there will be additional charge per tree as follows:

2 to 2½ inch cal.	\$6.00	6 to 8 feet	\$3.00
1½ to 2 inch cal.	\$5.00	5 to 6 feet	\$2.25
1¼ to 1½ inch cal.	\$4.00	4 to 5 feet	\$1.75
8 to 10 feet	\$4.00		

All trees are priced bare root unless otherwise stated.

### ASH (Fraxinus)

**Green (Fraxinus lanceolata).** Large round-topped trees with attractive compound leaves. Does well in semi-arid areas and high altitudes. Grows rapidly. 60 feet.

	Per 10	Per 100
1½ to 2 inch caliper	45.00	400.00
1¼ to 1½ inch caliper	32.50	300.00
8 to 10 feet	25.00	225.00
6 to 8 feet	18.00	165.00
5 to 6 feet	12.50	110.00

### FLOWERING CRABS

(Malus)

At long last, flowering crabs are getting the attention they deserve. First of all, Flowering Crabs are highly ornamental. Not only are the trees themselves attractive, but the flowers and fruits are decorative. Some varieties produce edible fruit, notably Hopa and Dolgo.

Flowering Crabs can also be used for shade. They are especially desirable for this purpose, on small home grounds where there is no room for the larger trees such as elms, oaks, and sycamores. Out of the many varieties of Flowering Crabs on the market, we have selected a group that we consider the best, based on years of observation.

✓ **Almey (Rosy Bloom).** New. Deep crimson buds open to huge scarlet blooms with white star-like markings at base of each. Scarlet fruits. Excellent tree to pot for cash and carry sales. Usually blooms same year it is planted.

5 to 6 feet	21.00	190.00
4 to 5 feet	17.50	160.00

✓ **Dolgo.** White flowers, large showy red fruit; good for jelly. 40 feet.

5 to 6 feet	13.50	125.00
4 to 5 feet	11.00	100.00

### HOPA FLOWERING CRAB

From early spring until freezing weather this tree will be a delight to you. In the spring the expanding foliage is bronzy red but before the leaves are fully developed the whole tree bursts into bloom, being completely covered with the most magnificent fragrant pink flowers. It is hard to imagine anything more showy.

The flowers are followed by the prettiest tiny red apples that bejewel the tree during the summer. You can make a good jelly from them.

	Per 10	Per 100
5 to 6 feet	16.00	150.00
4 to 5 feet	11.00	100.00

**SHADE AND ORNAMENTAL TREES (Continued)****FLOWERING CRABS (Continued)**

**Red Silver.** Silver and red foliage. Crimson flowers, red fruit. Its semi-dwarf habit of growth makes it desirable where a small tree is needed.

	<b>Per 10</b>	<b>Per 100</b>
5 to 6 feet .....	17.50	160.00
4 to 5 feet .....	15.00	135.00

**ELM (Ulmus).**

**American (Ulmus americana).** America's best street tree. 120 feet.

2 to 2½ inch caliper .....	55.00	500.00
1½ to 2 inch caliper .....	37.50	350.00
1¼ to 1½ inch caliper .....	25.00	225.00
8 to 10 feet .....	18.50	175.00
6 to 8 feet .....	14.00	125.00
5 to 6 feet .....	9.00	85.00

**HYBRID ELMS**  
(American Chinese)

There are many strains of hybrid elms on the market. After years of observation, we are offering two that we consider the best:

**Willis.** This has been grown in the middle west for many years with excellent results. Young trees have a smooth gray bark. The leaves are large, resembling those of the American elm. Very rapid growth.

**Rosehill.** Grows a little more slowly than Willis, but carries a heavier caliper for the height. Branches well and has very attractive foliage.

	<b>Per 10</b>	<b>Per 100</b>
1½ to 2 inch caliper .....	45.00	425.00
1¼ to 1½ inch caliper .....	40.00	350.00
8 to 10 feet .....	30.00	275.00
6 to 8 feet .....	22.50	200.00
5 to 6 feet .....	14.00	125.00
4 to 5 feet .....	10.00	90.00

**Chinese (Ulmus pumila) (Siberian).** Very rapid grower. Makes good screens, hedges and specimens. Especially adapted to dry climates.

	<b>Per 10</b>	<b>Per 100</b>
1½ to 2 inch caliper .....	35.00	325.00
1¼ to 1½ inch caliper .....	25.00	225.00
8 to 10 feet .....	18.00	165.00
6 to 8 feet .....	12.50	110.00
5 to 6 feet .....	9.00	85.00

**Christine Buisman** (see pages 18 and 19)

**CHINESE ELM**  
(Root-pruned seedlings)

These trees were root-pruned last year with a power cutter and they have been trimmed up to make nice shade trees. Note that they are offered both by height and caliper.

	<b>Per 10</b>	<b>Per 100</b>
6 to 8 feet, 11/16 inch and up .....	8.00	75.00
5 to 6 feet, 9/16 to 11/16 inch .....	5.50	50.00
4 to 5 feet, 7/16 to 9/16 inch .....	4.00	35.00

**SHADE AND ORNAMENTAL TREES (Continued)**

**HACKBERRY** (*Celtis occidentalis*). Resembles American Elm. Desirable shade tree. It is not affected by the diseases that attack elms. 120 feet.

8 to 10 feet .....	28.50	275.00
6 to 8 feet .....	22.50	200.00
5 to 6 feet .....	13.50	125.00

**HONEYLOCUST, THORNLESS** (*Gleditsia triacanthos inermis*). Very desirable shade tree. Refined pinnately compound leaves, fragrant white flowers in spring. Succeeds in dry locations. Hardy and long-lived. Reaches a height of 50 to 60 feet.

8 to 10 feet .....	33.00	—
6 to 8 feet .....	25.00	225.00
5 to 6 feet .....	16.50	150.00
4 to 5 feet .....	11.00	100.00
3 to 4 feet .....	7.50	65.00
8 to 10 feet, whips .....	25.00	225.00
6 to 8 feet, whips .....	16.50	150.00
5 to 6 feet, whips .....	11.00	100.00
4 to 5 feet, whips .....	7.00	65.00



Christine Buisman Elms in nursery rows (see page 18).

**MICHIGAN**—December 21, 1958—"The plants you have shipped me in two previous orders have been very satisfactory. All have been in perfect condition because of the excellent packing you gave them."

**MINNESOTA**—January 12, 1959—"I was very gratified with the way the junipers and yew progressed last summer, that I purchased from you, and I wish you would send me your catalog and price list for the coming season."

# CHRISTINE BUISMAN ELM

## *The Coming Shade Tree*

### Resistant to Elm Diseases

#### **Extremely resistant to Dutch elm disease and phloem necrosis.**

Grows quite rapidly. We have produced trees ten feet high in four years from small root-cuttings.

Produces straight stems of heavy caliper, with central leaders, without forks or crotches. It has slender but numerous, ascending branches, which produce a great mass of dark green foliage.

Young trees tend to have a broad base and a pyramidal top, but when mature become round topped, like the American Elm.

Highly satisfactory for both lawn and street planting.

The Christine Buisman Elm is an European selection (from Holland) of the Smooth Leaf European Elm (*Ulmus carpinifolia*). Repeated tests by the United States Department of Agriculture show that it is immune to phloem necrosis, and highly resistant to Dutch elm disease.

The testing was done under the direction of Dr. Roger U. Swingle, pathologist in charge of the Horticultural Crops Research Branch, Ornamental Crops Section, Worthington, Ohio. On July 19, 1954 Dr. Swingle reported as follows:

**"The Christine Buisman Elm has been tested repeatedly for resistance to the Dutch elm disease and elm phloem necrosis since stock of the selection to the Dutch elm disease and elm phloem necrosis since stock of the selection was received at this laboratory in 1946. We have subjected the tree to rather severe disease resistance tests during this period and the selection has proven to be highly resistant to both of these disease."**

The Christine Buisman Elm has proven entirely hardy here in Ottawa for more than ten years and it has also survived the severe winters in the Chicago area. Mr. E. L. Kammerer, arboriculturist at the Morton Arboretum, Lisle, Illinois (near Chicago) wrote us on September 9, 1954:

**"The Christine Buisman Elm, about which you inquire, has been on trial at the Morton Arboretum since the spring of 1949. At that time five 18 inch plants were received from the Bureau of Plant Industry at Columbus, Ohio. All plants still survive. They are apparently perfectly hardy in this area."**

In order to perpetuate its disease resistance the Christine Buisman Elm must be propagated vegetatively. There can be no assurance that trees propagated by budding or grafting on elm seedlings will be disease resistant. Be sure the trees you buy have been propagated vegetatively. We propagate ours by root-cuttings which are carried a season in pots and then transplanted to the fields. The accompanying illustration of Buisman Elms in our nursery will show you what sturdy trees we produce.

	<b>Suggested Retail</b>	<b>Per 10</b>	<b>Per 100</b>
1½ to 2 inch caliper .....	15.00	65.00	600.00
1¼ to 1½ inch caliper .....	12.50	55.00	500.00
6 to 8 feet .....	7.50	32.00	300.00

Also available B. & B. Write for prices.



**CHRISTINE BUISMAN ELM**

## SHADE AND ORNAMENTAL TREES (Continued)

**MORaine LOCUST**

(Plant Patent No. 836)

The Moraine Locust is a round-headed tree when young, but tall and vase-shaped when older, attaining a height of 80 to 100 feet. It grows more rapidly than the common type of locust because of the absence of seed pods and thorns. This attribute, together with the small leaflets which mostly drift into the lawn between the blades of grass, makes little fall clean-up necessary. It stands pruning well but very little is necessary since the lower branches self-prune as the top grows wider. This makes it desirable for narrow street planting of small properties, as sufficient clearance can be maintained for any type of traffic. Transplants easily. 75 to 100 feet.

	Suggested Retail	10-49 Each	50-249 Each
8 to 10 feet, branched .....	10.00	4.90	4.45
8 to 10 feet, whips .....	9.00	4.25	3.90
7 to 8 feet, branched .....	9.00	4.00	3.60
7 to 8 feet, whips .....	7.50	3.35	3.00
6 to 7 feet, branched .....	7.50	3.35	3.00
5 to 6 feet, branched .....	6.00	2.75	2.50
5 to 6 feet whips .....	5.00	2.25	2.00

**SHADE AND ORNAMENTAL TREES (Continued)**

**KOELREUTERIA PANICULATA (Goldenrain Tree).** Small ornamental tree with attractive compound foliage. Long panicles of showy yellow flowers in June-July. Very drought-resistant.

	Per 10	Per 100
4 to 5 feet	25.00	225.00
3 to 4 feet	20.00	175.00
2 to 3 feet	12.50	100.00

**LIQUIDAMBAR STYRACIFLUA (Sweet-gum).** Large stately tree with fragrant star-shaped foliage that turns brilliant scarlet in autumn. Very desirable shade and ornamental tree. 75 to 100 feet.

2 to 2½ inch caliper	160.00	—
1½ to 2 inch caliper, B & B	125.00	—
1¼ to 1½ inch caliper, B & B	100.00	—
6 to 8 feet, B & B, heavy caliper	60.00	—
5 to 6 feet, B & B, heavy caliper	40.00	—
4 to 5 feet, B & B, heavy caliper	30.00	—

**MAPLE**

**Amur (Acer ginnala).** Graceful tree or large shrub. Foliage shiny and 3 lobed, up to 3 inches long. Fragrant flowers in panicles. 20 feet.

6 to 8 feet	33.00	300.00
5 to 6 feet	25.00	225.00
4 to 5 feet	16.50	150.00
3 to 4 feet	11.00	100.00

**Red or Scarlet (A. rubrum).** Smooth gray bark, leaves with 3 to 5 lobes; red flowers before leaves. Valuable as a street and park tree. 120 feet.

2½ to 3 inch caliper, B & B	200.00	—
2 to 2½ inch caliper, B & B	150.00	—

**SOFT OR SILVER MAPLE**  
(*Acer saccharinum*)

Fast-growing tree with gray bark and deeply cut leaves that are green above and silvery beneath. There has been a great increase in use of this tree in recent years because it grows rapidly thus giving quick shade and is adapted to a wide variety of soils and situations. It sometimes grows to a height of 60 to 80 feet or more.

Our trees are superior to the common run of nursery-grown soft maple because they are grown with central leaders without crotches, are well branched with straight smooth trunks of good caliper.

	Per 10	Per 100
2 to 2½ inch caliper	55.00	500.00
1½ to 2 inch caliper	45.00	400.00
1¼ to 1½ inch caliper	30.00	265.00
8 to 10 feet	25.00	225.00
6 to 8 feet	17.50	165.00
5 to 6 feet	12.50	110.00

**Sugar (A. Saccharum) Sugar Maple.** A slow-growing but highly ornamental tree. Foliage turns bright colors in autumn.

	Per 10	Per 100
8 to 10 feet	47.50	450.00
6 to 8 feet	37.50	350.00
5 to 6 feet	26.50	250.00

**OAK**

**Bur (Q. macrocarpa).** A beautiful stately tree with broad spreading top. Acorns have mossy caps that cover half or more of the nut. Leaves very large. 80 feet.

1¼ to 1½ inch caliper, B & B	90.00	—
8 to 10 feet, B & B	80.00	—
6 to 8 feet, B & B	60.00	—
5 to 6 feet, B & B	40.00	—
4 to 5 feet, B & B	30.00	—

**SHADE AND ORNAMENTAL TREES (Continued)****OAK (Continued)**

**Pin (*Quercus palustris*).** Rapid growing trees with deeply cut leaves that turn bright colors in autumn. Assume a narrow pyramidal form. Excellent street and lawn tree. 80 feet.

3 to 3½ inch caliper .....	250.00	—
2½ to 3 inch caliper, B & B .....	200.00	—
2 to 2½ inch caliper, B & B .....	150.00	—
1½ to 2 inch caliper, B & B .....	110.00	—
1¼ to 1½ inch caliper, B & B .....	90.00	—
8 to 10 feet, B & B .....	80.00	—
6 to 8 feet, B & B .....	60.00	—
5 to 6 feet, B & B .....	40.00	—
4 to 5 feet, B & B .....	30.00	—

**Red. (*Q. borealis*).** Beautiful oak of rapid growth, growing into a large majestic tree. Foliage turns dark red in fall. 80 feet.

6 to 8 feet, B & B .....	60.00	—
5 to 6 feet, B & B .....	40.00	—

Oaks are also available bare root. Write for price.

**PEACH, DOUBLE-FLOWERING (See *Prunus Persica*)**

**PHELLODENDRON AMURENSE (*Amur Corktree*).** A little-known but highly desirable tree from eastern Asia. Compound foliage resembling that of the Walnut, and brown corky bark. Hardy in the north and adapted to most soils. 50 feet.

	Per 10	Per 100
6 to 8 feet .....	25.00	—
5 to 6 feet .....	22.50	200.00
4 to 5 feet .....	18.50	175.00
3 to 4 feet .....	16.50	150.00

**PLUM, PURPLE LEAF (See *Prunus*)****POPLAR (*Populus*)**

**Bolleana (*Bolles Poplar*).** An aristocratic tree of many uses. Slender, narrow habit of growth; smooth gray-green bark. Leaves dark green above, white beneath. Grows eventually to be 75 to 100 feet high. Useful in formal, street and screen plantings. It is long-lived, outlasting Lombardy Poplar many years, and does not shed its branches or twigs.

	Per 10	Per 100
2 to 2½ inch caliper .....	32.50	300.00
1½ to 2 inch caliper .....	26.50	250.00
8 to 10 feet .....	22.00	200.00
6 to 8 feet .....	15.00	135.00

**LOMBARDY POPLAR**

Tall slender, rapid growing tree. Used for accent on landscape plantings, screen plantings, windbreaks and shelterbelts. Widely used to plant on property lines of new homes, especially in the rear now that alleys are out of style.

Branched low	Per 10	Per 100	Per 1000
2 to 2½ inch caliper .....	17.50	150.00	—
1½ to 2 inch caliper .....	10.00	90.00	—
1¼ to 1½ inch caliper .....	8.00	75.00	700.00
8 to 10 feet .....	7.50	65.00	550.00
6 to 8 feet .....	6.00	50.00	450.00
5 to 6 feet .....	4.00	35.00	—
Whips and Lightly Branched			
5 to 6 feet .....	2.00	18.00	160.00
4 to 5 feet .....	1.60	14.00	120.00
3 to 4 feet .....	1.25	10.00	85.00
2 to 3 feet .....	.80	7.00	—



**SHADE AND ORNAMENTAL TREES (Continued)****PRUNUS PERSICA (Flowering Peach)****Cardinal.** Large fully double, deep red flowers.

4 to 5 feet .....	9.50	90.00
3 to 4 feet .....	7.00	65.00

**Charming.** Double, light pink flowers.

5 to 6 feet .....	12.50	110.00
4 to 5 feet .....	9.50	90.00
3 to 4 feet .....	7.00	65.00

**Iceburg.** Double, early, snow white.

5 to 6 feet .....	12.50	110.00
4 to 5 feet .....	9.50	90.00
3 to 4 feet .....	7.00	65.00

**Peppermint stick.** Double, red and white striped flowers.

5 to 6 feet .....	12.50	110.00
4 to 5 feet .....	9.50	90.00
3 to 4 feet .....	7.00	65.00

**Red leaf.** Red foliage all summer.

5 to 6 feet .....	10.00	90.00
4 to 5 feet .....	8.00	75.00
3 to 4 feet .....	6.50	60.00

**PRUNUS (Plum)****Newport.** Purple leaf Plum.

	<b>Per 10</b>	<b>Per 100</b>
5 to 6 feet .....	16.50	150.00
4 to 5 feet .....	13.50	125.00
3 to 4 feet .....	11.00	100.00
2 to 3 feet .....	8.00	75.00

**Triloba. (Flowering Plum).** Small tree or large shrub with slender branches, thickly set double pink flowers in April-May. 10 feet.

3 to 4 feet .....	11.00	100.00
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**REDBUD (Cercis Canadensis).** Heart-shaped leaves; rosy-red flowers in spring. 40 feet.

1½ to 2 inch caliper .....	60.00	—
1¼ to 1½ inch caliper .....	40.00	—
8 to 10 feet .....	35.00	—
6 to 8 feet .....	27.50	250.00
5 to 6 feet .....	19.00	175.00

**See also Shrubs****RUSSIAN OLIVE (See Elaeagnus under Shrubs).****SWEETGUM (See Liquidambar)****SYCAMORE, American. (Platanus occidentalis).** Large, handsome leaves, smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance. Heat and drought resistant. 100 to 150 feet.

2 to 2½ inch caliper .....	55.00	500.00
6 to 8 feet .....	18.50	175.00
5 to 6 feet .....	12.50	110.00

**THORN (Crataegus)****Washington (C. phaenopyrum).** A very desirable species with beautiful scarlet coloring in autumn and large clusters of bright red fruit, remaining on the branches for a long time. Upright habit of growth and rather slender. Desirable for hedges and screens. 20 to 30 feet.

3 to 4 feet .....	16.50	150.00
2 to 3 feet .....	12.00	110.00

**SHADE AND ORNAMENTAL TREES (Continued)****WILLOW (Salix)**

**Niobe Weeping (*S. babylonica* var. *aurea*).** Irregular picturesque habit of growth. The long gracefully drooping branches are brilliant yellow. Especially attractive in winter.

	Per 10	Per 100	Per 1000
6 to 8 feet .....	12.50	110.00	—
4 to 5 feet .....	5.50	50.00	450.00
3 to 4 feet .....	4.00	35.00	300.00
6 to 8 feet, whips and lightly br. ....	3.50	30.00	—
5 to 6 feet, whips and lightly br. ....	2.25	20.00	—
4 to 5 feet, whips and lightly br. ....	1.60	15.00	—

**Wisconsin Weeping (*S. blanda*).** Long drooping branches. Extremely graceful. Green bark.

	Per 10	Per 100	Per 1000
6 to 8 feet .....	12.50	110.00	—
5 to 6 feet .....	8.00	75.00	700.00
4 to 5 feet .....	5.50	50.00	450.00
5 to 6 feet, whips .....	2.25	20.00	—
4 to 5 feet, whips .....	1.60	15.00	—

**Part of our 100 acres of Evergreens**



## EVERGREENS

The name Willis has become synonymous with Quality in evergreens and there is good reason for it.

A crew of trained men spends most of its time in our evergreens shearing and pruning with skilled hands to insure compactness and symmetry. No diseases or insect pests are permitted a foothold in our trees and no weeds, noxious or otherwise, will be found in our evergreen blocks. We would like to have you come to see for yourself.

All of our evergreens are grown in soil especially suitable for balling. Although we cannot assume responsibility for results, our evergreens have given satisfaction throughout the middlewest.

All evergreens are priced balled and burlapped (B & B).

### WILT-PRUFING

If you would like to have your evergreens sprayed with Wilt-Pruf before they are dug, we are prepared to do it for the following additional charges:

Upright	Spreaders	Cost per tree
Up to 3 feet	Up to 24 inches	\$ .25
3 feet to 5 feet	24 inches to 36 in.	\$ .30
Over 5 feet	Over 3 feet	\$ .35

### EVERGREENS IN CONTAINERS

We are growing a good assortment of Evergreens in containers, 1 gallon, 2 gallon and 5 gallon. Write for up-to-date price list.

#### CUPRESSUS (Cypress)

**Arizona Gareei.** Blue whipcord foliage. Grows in a compact pyramidal form with little shearing. Withstands heat and drought. Hardy at Ottawa. Grafted trees.

	Each Per 10	Each Per 100
5 to 6 feet	7.75	7.00
4 to 5 feet	6.75	6.00

#### EUONYMUS (See Broadleaf Evergreens)

#### JUNIPERUS (Juniper)

**Chinensis columnaris, Blue.** Compact, columnar form. Definite blue cast to foliage.

5 to 6 feet	7.75	7.00
4 to 5 feet	6.50	6.00
3 to 4 feet	5.50	5.00
2 to 3 feet	4.40	4.00

**Chinensis columnaris, Green.** Compact, columnar form. With bright green foliage.

6 to 7 feet	8.75	8.00
5 to 6 feet	7.75	7.00
4 to 5 feet	6.50	6.00
3 to 4 feet	5.50	5.00
2 to 3 feet	4.40	4.00

**Chinensis mascula.** Compact, pyramidal form. Good foliage and color.

5 to 6 feet	7.75	7.00
4 to 5 feet	6.50	6.00
3 to 4 feet	5.50	5.00
2 to 3 feet	4.40	4.00

## EVERGREENS (Continued)

## JUNIPERUS (Continued)

**Chinensis pfitzeriana aurea (Golden Pfitzer).** The new growth is golden yellow making an interesting contrast with the green foliage; useful for adding a note of color to the landscape.

	Each Per 10	Each Per 100
2 to 2½ feet .....	3.85	3.50
18 to 24 inches .....	3.85	3.50
15 to 18 inches .....	3.50	3.25
12 to 15 inches .....	2.95	2.50

**Chinensis pfitzeriana (Pfitzer's J.).** Low growing compact tree with horizontally spreading branches. Most popular spreading evergreen.

	Each Per 10	Each Per 100
4 to 5 feet .....	8.00	7.25
3½ to 4 feet .....	6.85	6.25
3 to 3½ feet .....	5.75	5.25
2½ to 3 feet .....	4.65	4.25
2 to 2½ feet .....	3.95	3.65
18 to 24 inches .....	3.50	3.25
15 to 18 inches .....	3.00	2.75
12 to 15 inches .....	2.50	2.25

**Chinensis pfitzeriana, Silver Blue.** Similar to the regular Pfitzer Juniper, but with shining silvery-blue color.

2 to 2½ feet .....	4.40	4.00
18 to 24 inches .....	3.85	3.50
15 to 18 inches .....	3.50	3.25

**Communis depressa plumosa (Andorra J.).** Makes a dense spreading groundcover; foliage purple in winter.

15 to 18 inches .....	3.30	3.00
12 to 15 inches .....	2.75	2.50

**Excelsa stricta (Spiny Greek J.)** Semi-dwarf, broadly conical form with heavy bluish foliage.

3½ to 4 feet .....	6.00	5.50
3 to 3½ feet .....	4.90	4.50
2½ to 3 feet .....	4.00	3.75
2 to 2½ feet .....	3.50	3.00
18 to 24 inches .....	2.75	2.50

**Glauca hetzi (Staked Upright).** Resembles Pfitzer's juniper, but foliage is blue-green and tree grows faster than Pfitzer.

2½ to 3 feet .....	5.50	5.00
2 to 2½ feet .....	5.00	4.50

**Kosteri plumosa.** Spreading habit of growth soft pliable feathery foliage. Gracefully arching branches.

2½ to 3 feet .....	5.50	5.00
2 to 2½ feet .....	4.50	4.00
18 to 24 inches .....	3.85	3.50
15 to 18 inches .....	3.35	3.00
12 to 15 inches .....	2.75	2.50

**Sabina (Savin J.)** Low vase-shaped, very dark green.

2 to 2½ feet .....	3.95	3.65
18 to 24 inches .....	3.50	3.25
15 to 18 inches .....	3.00	2.75
12 to 15 inches .....	2.50	2.25

**Sabina tamariscifolia (Tamarix Savin J.).** Blue-green foliage compact spreading habit, with ascending branches.

12 to 15 inches .....	2.50	2.35
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**EVERGREENS (Continued)****JUNIPERUS (Continued)**

	Each Per 10	Each Per 100
<b>Sabina Von Ehron (Von Ehron's J.)</b> Dark green spreader with rising branches. Shears well and makes a good spreader where more height is desired.		
2 to 2½ feet .....	3.95	3.65
18 to 24 inches .....	3.50	3.25
15 to 18 inches .....	3.00	2.75
12 to 15 inches .....	2.50	2.25
<b>Sabina von Ehron (Globes).</b> Sheared into compact globe form.		
2 to 2½ feet .....	5.50	5.00
18 to 24 inches .....	4.50	4.00
15 to 18 inches .....	3.85	3.50
12 to 15 inches .....	3.35	3.00
<b>Scopulorum, Blue-Green.</b> Blue-green foliage. Grows into a compact tree with little shearing.		
2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	4.40	4.00
<b>Scopulorum Chandler.</b> Broadly pyramidal tree with bright silvery foliage. Shears well.		
4 to 5 feet .....	7.50	6.50
3½ to 4 feet .....	6.25	5.75
3 to 3½ feet .....	5.50	5.00
2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	4.50	4.00
<b>Scopulorum Cologreen.</b> Light green foliage. Conical habit of growth.		
2 to 2½ feet .....	4.40	4.00
<b>Scopulorum, Crawford.</b> Very compact, broadly pyramided. Blight-resistant, shears compactly. Silver-blue foliage.		
3 to 3½ feet .....	5.50	5.00
2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	4.40	4.00
<b>Scopulorum Gray Gleam</b> (Pat. No. 848). A choice variety of scopulorum juniper with steel gray foliage. Grows in a compact cone shape; highly ornamental.		
4 to 5 feet .....	7.50	7.00
3½ to 4 feet .....	6.50	6.00
2½ to 3 feet .....	5.00	4.75
2 to 2½ feet .....	4.50	4.25
<b>Scopulorum Moffeti.</b> Blue-green foliage, dense pyramidal habit.		
2 to 2½ feet .....	4.40	4.00
<b>Scopulorum Pathfinder.</b> Silvery-blue foliage; slender pyramidal habit of growth and very compact.		
2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	4.35	4.00
<b>Scopulorum Silver Column.</b> Broadly pyramidal form with beautiful silvery-blue foliage.		
3 to 3½ feet .....	5.50	5.00
2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	4.35	4.00
<b>Scopulorum Steel Blue.</b> Steel-blue foliage. Grows into compact upright tree.		
2½ to 3 feet .....	5.00	4.50
2 to 2½ feet .....	4.40	4.00
<b>Scopulorum Welchi</b>		
2 to 2½ feet .....	4.40	4.00

**EVERGREENS (Continued)****JUNIPERUS (Continued)**

	Each Per 10	Each Per 100
<b>Virginiana burki.</b> Compact, pyramidal form, foliage distinctly blue.		
3½ to 4 feet .....	6.50	6.00
3 to 3½ feet .....	5.75	5.25
<b>Virginiana Canaerti.</b> Pyramidal evergreen with very dark green whipcord foliage. One of the finest of all upright evergreens.		
4 to 5 feet .....	8.00	7.25
3½ to 4 feet .....	6.85	6.25
2½ to 3 feet .....	5.50	5.00
2 to 2½ feet .....	4.75	4.50
<b>Virginiana Cupressifolia.</b> Resembles Canaerti juniper in color and form but grows faster.		
4 to 5 feet .....	7.35	6.75
3½ to 4 feet .....	6.50	6.00
2 to 2½ feet .....	4.50	4.25
<b>Virginiana DeForesti Green.</b> Resembles Canaerti, but has finer foliage and grows faster and more compact.		
3 to 4 feet .....	6.00	5.50
2 to 3 feet .....	5.50	5.00
<b>Virginiana Green Globe.</b> A globe form of Red Cedar. Bright fresh, green color. Excellent for entrance and formal plantings.		
2½ to 3 feet .....	5.75	5.25
2 to 2½ feet .....	5.00	4.50
<b>Virginiana Henryi.</b> Dark green foliage, symmetrical pyramidal habit of growth.		
6 to 7 feet .....	9.35	8.50
4 to 5 feet .....	7.15	6.50
<b>Virginiana Hill. (Hill's Dundee J).</b> Typical red cedar form, but dark green. Very compact, foliage turning plum color in winter. A variety to be highly recommended.		
5 to 6 feet .....	8.25	7.50
<b>Virginiana Keteleeri.</b> Compact pyramidal form with ascending branches and dark green whipcord foliage.		
6 to 7 feet .....	9.35	8.50
5 to 6 feet .....	8.25	7.50
4 to 5 feet .....	7.15	6.50
3 to 4 feet .....	6.00	5.50
2 to 3 feet .....	5.25	4.75
<b>Virginiana Manhattan Blue.</b> Selected strain of Juniperus virginiana. Compact habit of growth, and bluish foliage.		
4 to 5 feet .....	7.35	6.75
3 to 4 feet .....	6.50	6.00
2 to 3 feet .....	5.25	4.75

**THUJA (Arbor Vitae)**

<b>Aurea nana (Berckman's Golden A. V.).</b> Semi-dwarf oval-shaped tree, with golden foliage. Very compact.		
3½ to 4 feet .....	5.50	5.00
3 to 3½ feet .....	4.75	4.25
2½ to 3 feet .....	3.90	3.50
2 to 2½ feet .....	3.40	3.00
18 to 24 inches .....	2.90	2.50
15 to 18 inches .....	2.25	2.00
12 to 15 inches .....	2.00	1.85
<b>Bonita.</b> Broad, rounded shape, very dark green foliage.		
2 to 2½ feet .....	3.00	2.75
18 to 24 inches .....	2.65	2.35
15 to 18 inches .....	2.25	2.00

**EVERGREENS (Continued)****THUJA (Continued)**

	Each Per 10	Each Per 100
<b>Brewer's Hybrid.</b> Dense, compact growth.		
3 to 4 feet .....	3.85	3.50
2 to 3 feet .....	3.00	2.75
18 to 24 inches .....	2.65	2.35
<b>Crawford's Compact.</b> Dark green, fine foliage. Medium width, compact.		
5 to 6 feet .....	5.50	5.00
4 to 5 feet .....	4.75	4.25
3 to 4 feet .....	3.85	3.50
2 to 3 feet .....	3.00	2.75
18 to 24 inches .....	2.65	2.35
<b>Excelsa.</b> Broad, fine foliage, dark green color.		
5 to 6 feet .....	5.25	4.75
4 to 5 feet .....	4.50	4.25
3 to 4 feet .....	3.85	3.50
2 to 3 feet .....	3.00	2.75
18 to 24 inches .....	2.65	2.35
15 to 18 inches .....	2.25	2.00
<b>Holman's.</b> Very fine foliage. Makes beautiful hedge.		
3 to 4 feet .....	3.85	3.50
2 to 3 feet .....	3.00	2.75
18 to 24 inches .....	2.65	2.35
<b>Orientalis (Chinese A.V.).</b> Green foliage. Excellent for screens and windbreaks.		
5 to 6 feet .....	4.40	4.00
4 to 5 feet .....	3.85	3.50
3 to 4 feet .....	3.30	3.00

**PINUS (Pine)**

<b>Ponderosa (Western Yellow Pine).</b> Long, dark green needles.		
3 to 4 feet .....	6.50	6.00
2 to 3 feet .....	5.00	4.50
<b>Resinosa (Norway or Red Pine).</b> Long, flexible, dark green needles. A good ornamental tree.		
3 to 4 feet .....	6.50	6.00
<b>Strobus (White Pine).</b> Medium long needles, soft, bluish-green.		
4 to 5 feet .....	8.00	7.50
3 to 4 feet .....	6.50	6.00
2 to 3 feet .....	5.00	4.50
<b>Sylvestris (Scots Pine).</b> Short, twisted bluish-green needles. Grows fairly rapidly and assumes picturesque forms when mature.		
2 to 3 feet .....	5.00	4.50

**CONTAINER-GROWN STOCK**

We are producing a good assortment of nursery stock in Plantainers, including evergreens, vines, and shrubs. Write for special price list.

## *Euonymus Dupont*

**Euonymus Dupont** is a selection of the small-leaf strain of *Euonymus patens* (Kiautschovicus) one of the most useful broadleaf evergreens ever introduced.

It is characterized by small dark green, clean-cut leaves set closely on the stems. It is extremely bushy for its height. Two-year-old plants often have as many as 30 to 50 canes.

**Euonymus Dupont** has many uses:

**Hedges**, formal and informal. Its fine foliage and dense growth make it a good substitute for boxwood. Excellent for bordering gardens, walks, drives, etc. Can be kept as low as six inches.

**Foundation Plantings** on the new style low houses made of *Euonymus Dupont* are very effective and inexpensive.

**Picture Windows** are often so close to the ground there is little room for planting under them. *Euonymus Dupont* will solve this problem with either a formal or informal planting.

**Planter Boxes.** *Euonymus Dupont* gives a rich effect in planter boxes. Can be used with flowers for color.

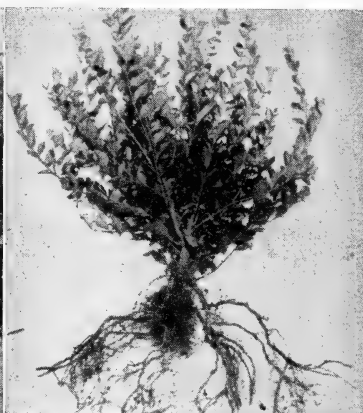
**Walls.** Large expanses of bare walls can be softened by planting *Euonymus Dupont* against them. It will adhere to stone, brick and stucco.

### PRICES

	Per 10	Per 100
18 to 24 inches, B & B .....	\$35.00	\$325.00
15 to 18 inches, B & B .....	\$26.50	\$250.00
10 to 15 inches, B & B .....	21.50	200.00
10 to 15 inches, BR .....	6.00	50.00
6 to 10 inches, BR .....	4.50	35.00
2 inch pots .....	3.00	25.00



Block of two-year-old *Euonymus Dupont* showing dense, uniform habit of growth.



Two-year-old plant of *Euonymus Dupont* dug from nursery row. Note the mass of fibrous roots.



## BROADLEAF EVERGREENS

### COTONEASTER

**Divaricata.** Handsome shrub with small dark green leaves, slender spreading branches, pink flowers, red berries; almost evergreen.

	Per 10	Per 100
2 to 3 feet, B & B .....	20.00	—
18 to 24 inches, B & B .....	17.50	—
2 inch pots .....	2.00	18.00

### EUONYMUS DUPONT (See Page 30)

**EUONYMUS FORTUNEI.** Broadleaf evergreen vine with thick, dark green foliage. Will cling to rough surfaces and can also be used for ground cover.

2¼ inch pots .....	2.50	20.00
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**EUONYMUS FORTUNEI COLORATUS (Purpleleaf Wintercreeper).** Evergreen foliage that turns bronzy-red in autumn. Excellent ground cover.

3 inch pots .....	3.50	30.00
2½ inch pots .....	3.00	25.00
2 inch pots .....	2.50	20.00

**EUONYMUS FORTUNEI MINIMUS.** Small dark green leaves. A creeping plant that will cling to brick, stone, stucco and rough boards. Use in rock gardens and on foundations and low walls.

3 inch pots .....	4.00	35.00
2 inch pots .....	3.00	25.00

**EUONYMUS FORTUNEI, UPRIGHT, SARCOXIE (Upright Euonymus Radicans).** New. Grows upright naturally. Makes good shrubs and thick hedges. Can be staked and sheared into columns. Dark green leaves and stems the year round. Transplants easily bare root. We consider this one of the best and most useful broadleaf evergreens introduced in recent years. Strong field-grown plants.

15 to 18 inches, B & B .....	22.50	200.00
12 to 15 inches, B & B .....	20.00	175.00
15 to 18 inches, BR .....	8.00	70.00
10 to 15 inches, BR .....	5.50	50.00
6 to 10 inches, BR .....	4.00	35.00

**EUONYMUS FORTUNEI VEGETUS.** A slow growing plant with rounded, thick, leathery leaves. Grows as a clinging vine or can be sheared into a shrub.

2¼ inch pots .....	2.50	22.00
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**EUONYMUS PATENS. (Kiautschovicus). (Large leaf.)** Field-grown, large leaf variety for mass or formal plantings, or as individual specimens.

2 to 2½ feet, B & B .....	30.00	275.00
18 to 24, inches B & B .....	25.00	225.00
15 to 18 inches, B & B .....	20.00	175.00
2 to 2½ feet, BR .....	7.00	65.00
18 to 24 inches, BR .....	5.50	50.00
15 to 18 inches, BR .....	4.50	40.00
10 to 15 inches, BR .....	3.50	30.00
2¼ inch pots .....	1.80	16.00

### BROADLEAF EVERGREENS IN PLANTAINERS

We are growing a good assortment of broadleaf evergreens in Plantainers, including Cotoneaster, Euonymus, Ilex, Pyracantha. Write for special list.

**BROADLEAF EVERGREENS (Continued)**

**EUONYMUS PATENS (Small Leaf).** Ideal for evergreen hedges. Makes a very bushy plant that may be allowed to grow informally, or by shearing can be made into a compact formal hedge anywhere from 10 inches to 3 feet high. Excellent substitute for boxwood in the middle-west. Use for boundary hedges, or for enclosing rose and flower gardens and for formal planting. This is an extremely useful plant.

**Can be planted any time of the year.** Transplants very easily with a minimum of loss.

	Per 10	Per 100
2 to 2½ feet, B & B .....	32.50	300.00
18 to 24 inches, B & B .....	27.50	250.00
15 to 18 inches, B & B .....	22.50	200.00
15 to 18 inches, BR .....	5.00	45.00
10 to 15 inches, BR .....	4.00	35.00

**NOTE: See Lining-out Stock for other varieties of Broadleaf Evergreens.**

**INCREASE YOUR PROFITS**

**by offering your customers these aristocrats:**

Christine Buisman Elm	Euonymus Dupont
Moraine Locust	Glowing Ember Quince
Blue Spirea, Azure	Euonymus Sarcoxie
Deutzia Corymbosa	Goldflame Honeysuckle
Border Privet	Redgold Honeysuckle
Mentor Barberry	

**FALL BULBS**

We import tulips, hyacinths, crocus, narcissus, etc., in carload lots direct from Holland. Fall bulbs can be planted out-of-doors until the ground freezes, even as late as January, with good results. Write for price list.

**LINING-OUT STOCK**

Our modern propagating plant is devoted to the production of high quality lining-out stock. We offer an excellent assortment of shrubs, shade trees, vines, evergreens, broadleaf evergreens. See pages 35 to 41.

**CHRISTINE BUISMAN ELM**

Why not plant elms that you **know** will not be attacked by the elm diseases. The Christine Buisman elm has been tested by the U.S.D.A. for many years and pronounced immune to phloem necrosis and extremely resistant to Dutch elm disease. See page 18.

## PERENNIALS

All of the perennials offered here are field-grown, except as otherwise noted. We recommend express shipment for perennials, because they are too perishable for freight shipment.

### PEONIES (See special listing)

#### PHLOX PANICULATA (Hardy Garden Phlox)

	Per 10	Per 100
<b>Adonis.</b> Brilliant badge-red .....	2.10	18.00
<b>Blue Boy.</b> Clear blue. ....	2.10	18.00
<b>Chieftain.</b> Deep crimson, non-fading .....	2.10	18.00
<b>Daily Sketch.</b> Salmon-pink, red eye. ....	2.10	18.00
<b>Dixie.</b> A Willis introduction, especially for the South. Bright orchid pink, large heads, tall; remarkably disease-free foliage. Withstands high temperatures and thrives in dry weather. ....	2.10	18.00
<b>Fuchsia.</b> Excellent purple. ....	2.10	18.00
<b>Leo Schlageter.</b> Clear, Brilliant scarlet. ....	2.10	18.00
<b>Prime Minister.</b> White with red eye. ....	2.10	18.00
<b>Royal Purple.</b> Dark violet blue, rose-violet eye. ....	2.10	18.00
<b>Sir John Falstaff. (New)</b> Rich luminous salmon-pink. ....	3.00	25.00
<b>White Admiral.</b> Excellent white. ....	2.10	18.00

**PLUMBAGO LARPENTAE (Lead Plant).** Dwarf spreading plant not over 6 to 8 inches high. Deep blue flowers, attractive foliage. Good border plant and desirable ground cover.

	Per 10	Per 100
3 inch pots .....	2.50	22.00
2 inch pots .....	2.10	18.00

#### SEDUM (Stonecrop).

**Sieboldi.** Creeping plant with blue foliage and pink flowers. Excellent rock garden plant. Best sedum.

2 inch pots .....	1.80	16.00
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**Spectabilis Brilliant.** Upright grower, fine for perennial border. Bright pink blooms in late summer. ....

.....	1.90	16.00
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#### VINCA (Periwinkle)

**Minor.** Shiny dark green foliage and blue flowers. Grows flat on the ground and makes an excellent ground cover.

3 inch pots .....	2.20	20.00
2 inch pots .....	1.80	16.00

**Minor, Bowles Variety.** Larger leaves and deeper blue flowers than Vinca Minor.

3 inch pots .....	2.50	22.00
2 inch pots .....	2.00	18.00

**Minor Rubra.** Similar to Bowles, but the flowers are an attractive mahogany-red.

2 inch pots .....	2.50	22.00
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## PEONIES

Standard 3 to 5 eye divisions from young plants not over three years old. We do not cut any flowers from our fields, so you can depend upon receiving strong healthy plants. Numbers in parentheses (9.0) denote 1928 ratings of the American Peony Society on the basis of 10 as perfect.

Varieties marked with an asterisk (\*) are recommended as good varieties for cut flowers.

**These peonies are still in the field. Orders must be placed before March 1 to insure getting dormant roots.**

	Per 10	Per 100
* <b>Baroness Schroeder.</b> (9.0). Flesh-pink changing to white with creamy center. Midseason. ....	4.50	40.00
* <b>Edulis Superba.</b> (7.6). Very double, very early, medium size. Clear deep pink blooms; tall plants. ....	3.50	30.00
* <b>Felix Crousse.</b> (8.4). Large, bright rosy-red. Late mid-season. ....	4.50	40.00
* <b>Festiva Maxima.</b> (9.3). Double white with crimson flecks on center petals. ....	4.50	40.00
* <b>Fontenelle.</b> Large, dark red, blooms in mideason. ....	4.50	40.00
* <b>Francois Ortegat.</b> (6.7). Medium size, deep crimson with golden stamens; fragrant; midseason. ....	3.20	28.00
<b>James Kelway.</b> (8.7). Very large; early midseason. Pale pink becoming almost white. Tall, floriferous. ....	5.50	50.00
<b>Marie Lemoine.</b> (8.5). Very large; late. Lemon white with traces of crimson on edges. Fragrant. ....	5.00	45.00
* <b>Mme. de Verneville.</b> (7.9). White with blush-white center; tips flecked crimson; free-flowering; early. ....	4.00	35.00
<b>Mme. Emile Galle.</b> (8.5). Large, double light rose-pink. Fair rose fragrance. Late, free-flowering. ....	5.00	45.00
* <b>Sarah Bernhardt.</b> (9.0). Light rose-pink, petals silvered lighter on tips. Fragrant, late. ....	4.50	40.00
<b>Walter Faxon.</b> (8.4). Vivid shell-pink. Good stem and foliage, mildly fragrant; midseason. ....	5.00	45.00
<b>Peonies by Color</b>		
Pink, unnamed. ....	3.00	25.00
Red, unnamed. ....	3.00	25.00
White, unnamed. ....	3.50	30.00

# liners that live TRADE MARK

## and Grow

**SHRUBS**  
**VINES**  
**BROADLEAF EVERGREENS**  
**EVERGREEN GRAFTS**

**SHADE TREES**  
**ORNAMENTAL TREES**  
**EVERGREENS**  
**FRUIT TREE STOCK**

### LINING-OUT STOCK

**Better stands.** Pot plants have a better root system and stand the shock of transplanting better than bare root stock. You get better stands; it costs you less per plant care for them in the field; you have more finished stock to sell.

**Better growth.** Pot plants start off quicker and make a better first season growth; thus they are ready to market sooner.

**You can plant later.** Pot plants can safely be set out in the field much later than bare root stock. This gives you more planting time in your busy season. With irrigation you can plant nearly all summer.

**Minimum Quantities.** Please do not order less than 25 of any one plant. 300 of any one variety supplied at 1,000 rate.

### SHRUBS

	Each Per 100	Each Per 1000
<b>BERBERIS (Barberry)</b>		
Mentorensis, 2 1/4 inch pots .....	.25	.20
Redleaf, 2 year seedlings, 9 to 12 inches .....	.12	.10
<b>CARYOPTERIS (Blue Spirea)</b>		
Azure, 2 inch pots .....	.18	.16
<b>CHAENOMELES (Flowering Quince)</b>		
Lagenaria, Glowing Ember, layers .....	.12	.10
<b>COTINUS (Smoketree)</b>		
Coggygria, 9 to 12 inch seedlings .....	.15	.12
<b>COTONEASTER</b>		
Divaricata, 2 inch pot .....	.20	.18
<b>CYDONIA (See Chaenomeles)</b>		
<b>DEUTZIA</b>		
Corymbosa (Himalayan D.) 2 1/2 inch pots .....	.18	.16
<b>ELDER, GOLDEN (See Sambucus)</b>		
<b>EUONYMUS</b>		
Alatus compactus		
3 inch pots .....	.22	.20
2 inch pots .....	.18	.16
Europaeus, 2 1/4 inch pots .....	.18	.16
<b>FORSYTHIA (Golden Bell)</b>		
Arnold's Giant, 2 inch pots .....	.18	.16
Intermedia spectabilis, 2 1/4 inch pots .....	.17	.15
Lynwood Gold, 2 1/4 inch pots .....	.18	.16
Spring Glory, 2 1/4 inch pots .....	.18	.16
Viridissima Bronxensis, 2 inch pots .....	.20	.18

## LINING OUT STOCK

	Each Per 100	Each Per 1000
<b>LONICERA (Bush Honeysuckle)</b>		
Clavey's Dwarf, 2 inch pots .....	.22	.20
Korolkowi floribunda, 2 inch pots .....	.18	.16
Tatarica, Wheeling, 2 inch pots .....	.18	.16
<b>PHILADELPHUS (Mockorange)</b>		
Avalanche, 2½ inch pots .....	.18	.16
Coronarius, 2¼ inch pots .....	.18	.16
Enchantment, 2¼ inch pots .....	.18	.16
Mont Blanc, 2¼ inch pots .....	.18	.16
<b>POTENTILLA (Cinquefoil)</b>		
Fruticosa, Gold Drop, 2 inch pots .....	.18	.16
<b>PRUNUS</b>		
Besseyi (Hansen Bush-Cherry)		
18 to 24 inches, seedlings .....	.08	.07
12 to 18 inches, seedlings .....	.06	.05
Jacquemonti, 2 inch pots .....	.18	.16
<b>RHODOTYPOS (Jetbead)</b>		
Scandens, 6 to 12 inches .....	.12	.10
<b>RHUS (Sumac)</b>		
Aromatica (Fragrant S.), 12 to 18 inch seedlings .....	.08	.07
<b>RIBES (Currant)</b>		
Odoratum, 2¼ inch pots .....	.18	.16
<b>SALIX (Willow)</b>		
Discolor, 2½ inch pots .....	.18	.16
<b>SAMBUCUS (Elder)</b>		
Canadensis aurea, 2½ inch pots .....	.18	.16
<b>SPIREA</b>		
Anthony Waterer, 2 inch pots .....	.19	.17
Arguta, 2 inch pots .....	.18	.16
Froebeli, 2 inch pots .....	.18	.16
Japonica Coccinea, 2 inch pots .....	.20	.18
Thunbergi, 2 inch pots .....	.18	.16



View in one of our propagating houses.

## LINING OUT STOCK

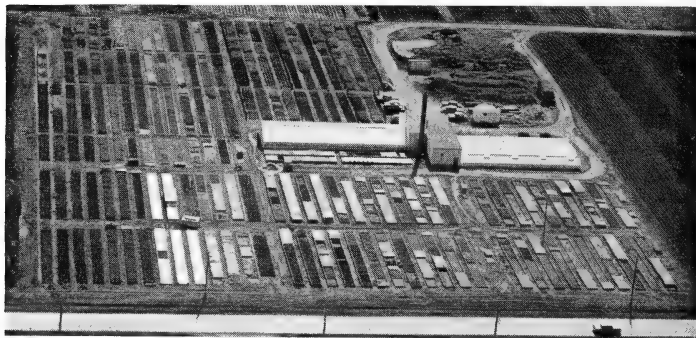
	Each Per 100	Each Per 1000
<b>SYRINGA (Lilac)</b>		
Rothomagensis, 2¼ inch pots .....	.18	.16
Rothomagensis, Pink Flowered, 2¼ inch pots .....	.20	.18
Rothomagensis, Cutleaf, 2 inch pots .....	.20	.18
<b>VIBURNUM</b>		
Opulus, 2¼ inch pots .....	.18	.16
Opulus sterilis, 2¼ inch pots .....	.18	.16
<b>VINES</b>		
<b>CELASTRUS (Bittersweet)</b>		
Scandens (Fruiting strain) 2 inch pots .....	.18	.16
<b>EUONYMUS</b>		
Fortunei coloratus, 3 inch pots .....	.35	.30
Fortunei coloratus, 2½ inch pots .....	.30	.25
Fortunei coloratus, 2 inch pots .....	.25	.20
<b>HEDERA (Ivy)</b>		
Helix, Baltica, 2 inch pots .....	.18	.16
<b>LONICERA (Honeysuckle)</b>		
Japonica halliana, Purple-leaf, 2 inch pots .....	.18	.16
Redgold (Tellmanniana) 2¼ inch pots .....	.20	.18
Yellownet, 2 inch pots .....	.18	.16
<b>POLYGONUM</b>		
Reynowtria, 2¼ inch pots .....	.20	.18

## SHADE AND ORNAMENTAL TREES

<b>ACER SACCHARINUM (Soft Maple)</b>		
3 to 4 feet .....	Per 100	Per 1000
2 to 3 feet .....	8.00	75.00
18 to 24 inches .....	7.00	60.00
12 to 18 inches .....	5.00	40.00
	3.50	30.00
<b>CATALPA SPECIOSA (Western Catalpa)</b>		
3 to 4 feet .....	5.50	50.00
2 to 3 feet .....	4.50	40.00
18 to 24 inches .....	3.60	32.00
12 to 18 inches .....	3.00	25.00
<b>CELTIS OCCIDENTALIS (Hackberry)</b>		
3 to 4 feet .....	9.50	90.00
2 to 3 feet .....	7.50	65.00
18 to 24 inches .....	5.00	45.00
<b>ELAEAGNUS ANGUSTIFOLIA (Russian Olive)</b>		
18 to 24 inches .....	6.00	55.00
12 to 18 inches .....	4.50	40.00
6 to 12 inches .....	3.00	25.00
<b>ELM (See Ulmus)</b>		
<b>FRAXINUS LANCEOLATA (Green Ash)</b>		
12 to 18 inches .....	3.50	25.00
6 to 12 inches .....	2.50	20.00
<b>GLEDITSIA TRIACANTHOS INERMIS (Thornless Honeylocust)</b>		
2 to 3 feet .....	7.00	60.00
18 to 24 inches .....	5.00	40.00
12 to 18 inches .....	3.50	30.00
6 to 12 inches .....	2.50	20.00

## LINING OUT STOCK

	Per 100	Per 1000
<b>JUGLANS NIGRA (Black Walnut)</b>		
2 to 3 feet .....	8.50	75.00
18 to 24 inches .....	6.00	50.00
12 to 18 inches .....	4.50	35.00
<b>MACLURA POMIFERA (Osage Orange)</b>		
12 to 18 inches .....	3.00	25.00
6 to 12 inches .....	2.50	20.00
<b>MORUS ALBA TATARICA (Russian Mulberry)</b>		
2 to 3 feet .....	5.00	45.00
18 to 24 inches .....	4.00	35.00
12 to 18 inches .....	3.00	25.00
6 to 12 inches .....	2.50	20.00
<b>POPULUS (Poplar) (See Shade Trees)</b>		
<b>PRUNUS ARMENIACA (Apricot)</b>		
3 to 4 feet .....	12.00	100.00
2 to 3 feet .....	10.00	80.00
18 to 24 inches .....	7.00	60.00
12 to 18 inches .....	5.00	45.00
<b>PRUNUS AMERICANA (American Plum)</b>		
3 to 4 feet .....	6.00	50.00
2 to 3 feet .....	4.50	40.00
18 to 24 inches .....	3.50	30.00
12 to 18 inches .....	2.50	20.00
<b>PRUNUS BESSEYI (Hansen's Bush-Cherry)</b>		
18 to 24 inches .....	8.00	70.00
12 to 18 inches .....	6.00	50.00
<b>QUERCUS BOREALIS (Northern Red Oak)</b>		
2 to 3 feet .....	22.00	180.00
18 to 24 inches .....	15.00	120.00
12 to 18 inches .....	10.00	80.00
9 to 12 inches .....	7.00	60.00
3 inch pots .....	15.00	—
<b>QUERCUS COCCINEA (Scarlet Oak)</b>		
3 inch pots .....	15.00	—
<b>QUERCUS MACROCARPA (Bur Oak)</b>		
18 to 24 inches .....	15.00	120.00
12 to 18 inches .....	10.00	80.00



Aerial view of our propagating greenhouses and beds of "Liners that Live."



## LINING OUT STOCK

**QUERCUS PALUSTRIS (Pin Oak)**

	Per 100	Per 1000
2 to 3 feet .....	22.00	180.00
18 to 24 inches .....	15.00	120.00
12 to 18 inches .....	10.00	80.00
9 to 12 inches .....	7.00	60.00
3 inch pots .....	15.00	—

**ROBINIA PSEUDOACACIA (Black Locust)**

3 to 4 feet .....	6.00	50.00
2 to 3 feet .....	4.00	35.00
18 to 24 inches .....	3.30	28.00
12 to 18 inches .....	2.50	20.00

**SOPHORA JAPONICA (Japanese Pagodatree)**

6 to 9 inches .....	12.00	100.00
3 to 6 inches .....	7.00	60.00

**ULMUS PUMILA (Chinese Elm)**

3 to 4 feet .....	7.50	70.00
2 to 3 feet .....	4.50	40.00
18 to 24 inches .....	3.50	30.00
12 to 18 inches .....	3.00	25.00
6 to 12 inches .....	2.00	18.00

**ZELKOVA SERRATA (Japanese Keaki Tree)**

2 inch pots .....	40.00	—
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## FRUIT TREE SEEDLINGS

**APPLE SEEDLINGS (Write for prices)****APRICOT**

2 to 3 feet .....	10.00	80.00
18 to 24 inches .....	7.00	60.00
12 to 18 inches .....	5.00	40.00

**PEAR**

Bartlett		
1/4 inch and up .....	5.00	45.00
No. 1, 2-16 to 5-16 inch .....	4.50	40.00
No. 2, 2-16 to 3-16 inch .....	3.60	32.00
No. 3, about 2-16 inch .....	2.60	22.00



Large greenhouse where our potted liners are hardened off before transferring to outside beds.

**LINING OUT STOCK****PEAR SEEDLINGS (Continued)**

	Per 100	Per 1000
Calleryana		
1/4 inch and up .....	6.50	60.00
No. 1, 3-16 to 1/4 inch .....	6.00	55.00
No. 2, 2-16 to 3-16 inch .....	5.50	50.00
No. 3, about 2-16 inch .....	5.00	45.00

**PLUM (American)**

1/4 inch and up .....	4.50	40.00
No. 1, 3-16 to 1/4 inch .....	4.00	35.00
No. 2, 2-16 to 3-16 inch .....	3.00	25.00
No. 3, about 2-16 inch .....	2.50	20.00

**EVERGREENS****JUNIPERUS (Juniper)**

	Per 100 Each	Per 1000 Each
Chinensis Pfitzeriana, 2 1/4 inch pots .....	.22	.20
Chinensis Pfitzeriana, Golden, 2 1/4 inch pots .....	.22	.20
Chinensis Pfitzeriana, Silver-blue, 2 1/4 inch pots .....	.25	.22
Chinensis procumbens, 2 1/4 inch pots .....	.22	.20
Communis depressa plumosa (Andorra J.), 2 1/4 inch pots ..	.22	.20
Glauca Hetzi, 2 1/4 inch pots .....	.22	.20
Kosteri plumosa, 2 1/4 inch pots .....	.22	.20
Sabina (Savin), 2 1/4 inch pots .....	.22	.20
Sabina Von Ehrn, 2 1/4 inch pots .....	.22	.20

(For liners of upright Junipers, see Evergreen Grafts.)

**TAXUS (Yew)**

Cuspidata (Japanese Yew) 2 1/2 inch pots .....	.22	.20
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**THUJA (Arbor Vitae)**

Orientalis, 12 to 18 inch seedlings .....	.18	.15
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**LINING-OUT STOCK  
BROADLEAF EVERGREENS****COTONEASTER**

	Per 100 Each	Per 1000 Each
Divaricata, 2 inch pots .....	.20	.18

**EUONYMUS**

Dupont		
2 inch pots .....	.25	.20
Fortunei Coloratus		
3 inch pots .....	.35	.30
2 1/2 inch pots .....	.30	.25
2 inch pots .....	.25	.20
Fortunei		
2 1/4 inch pots .....	.25	.20
Fortunei Minimus		
3 inch pots .....	.40	.35
2 inch pots .....	.30	.25
Fortunei Vegetus		
2 1/4 inch pots .....	.25	.22
Manhattan		
2 1/4 inch pots .....	.22	.20
Patens, Large Leaf		
2 1/4 inch pots .....	.18	.16

**PYRACANTHA (Firethorn)**

Coccinea, Vincent's Hardy Strain		
2 inch pots .....	.20	.18
Coccinea pauciflora		
3 inch pots .....	.25	.22
2 inch pots .....	.20	.18

## EVERGREEN GRAFTS

Our grafts are made by skilled workmen using our new up-to-the-minute propagation plant.

Minimum order: 25 of any one variety.

Ready for delivery, spring 1959.

\$65.00 per 100                      \$600.00 per 1,000  
(300 alike or assorted, at 1,000 rate)

### JUNIPERUS (Juniper)

(Juniperus virginiana understock)

#### CHINENSIS

Ames	Maneyi
Columnaris, Blue	Mascula
Iowa	

#### SCOPULORUM

Blue-Green	Pathfinder
Blue Haven	Silver Column
Chandler	Steel-blue
Cologreen	Sutherland
Crawford	Welch
Moffet	
Gray Gleam (Pat. No. 848)	\$1.00 each

#### VIRGINIANA

Burki	Keteleeri
Canaerti	Kosteri Plumosa
Cupressifolia	Hilli (Dundee J)
Henryi	Manhattan Blue

### THUJA (Arbor Vitae)

(Thuja orientalis understock)

Aurea nana	Excelsa
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### JUNIPERUS SCOPULORUM

#### PLATINUM

(Plant Patent No. 1070)

New! Recently introduced by us. Brilliant silvery-blue color retained the year around. Dense foliage, requiring very little shearing to make compact and symmetrical. It has never blighted with us.

GRAFTS \$1.00 each



## FRUIT TREES

The height given for fruit trees is approximate and represents the average height for most varieties. It is intended that the caliper shall govern.

Fruit trees are tied in bundles of 10 for 11-16 and 9-16; bundles of 20 for 7-16 and 5-16. Order in full bundles.

### APPLES

#### TWO YEAR GRAFTS

	Per 10	Per 100	Per 1000
11-16 inch and up, 4½ feet and up .....	9.50	90.00	850.00
9-16 to 11-16 inch, 4 feet and up .....	8.50	80.00	750.00

**S. Summer; F. Fall; W. Winter; C. Commercial; H. Home**

- **Anoka.** S. H. Red, mottled yellow.
- **Delicious, Dark Red.** W. C. H. Red.
- **Delicious Yellow.** W. C. Yellow.
- **Duchess, Red.** S. H. Red.
- **Grimes Golden.** W. C. Yellow.
- **Jonathan, Dark Red.** W. C. H. Red.
- **McIntosh Dark Red.** W. C. Red.
- **Rome Beauty, Red.** W. C. Red.
- **Stayman, Dark Red.** W. C. Red.
- **Wealthy, F. C. Red.**
- **Whitney Crab, F. H. Yellow & red.**
- **Winesap, W. C. Red.**
- **Yellow Transparent, S. H. Yellow.**

### MULTIPLE APPLES

Dormant budded summer of 1955 on 2 year old, branched trees of Yellow Delicious. Heavy growth on all varieties budded which include **Red Jonathan, Red Stayman, Anoka, Dark Red Delicious, Yellow Transparent.**

	Per 10	Per 100
➤ 5-in-1, 11-16 inch, 5 to 6 feet .....	18.50	175.00
➤ 4-in-1, 11-16 inch, 5 to 6 feet .....	14.50	135.00
➤ 4-in-1, 9-16 inch, 4 to 5 feet .....	12.00	110.00
➤ 4-in-1, 7-16 inch, 3 to 4 feet .....	10.00	90.00
➤ 3-in-1, 11-16 inch, 5 to 6 feet .....	12.00	110.00
➤ 3-in-1, 9-16 inch, 4 to 5 feet .....	10.00	90.00
➤ 3-in-1, 7-16 inch, 3 to 4 feet .....	8.00	70.00

### CHERRIES—SWEET

#### TWO YEAR

	Per 10	Per 100
11-16 to 1 inch, 4½ feet and up .....	14.50	135.00
7-16 to 9-16 inch, 3 feet and up .....	9.50	90.00

**Kansas Sweet**

### CHERRIES—SOUR

#### TWO YEAR on Mahaleb

	Per 10	Per 100	Per 1000
11-16 inch and up, 3½ feet and up .....	12.00	110.00	1000.00
9-16 to 11-16, 3 feet and up .....	9.50	90.00	850.00
7-16 to 9-16 inch, 2½ feet and up .....	8.00	75.00	700.00
5-16 to 7-16 inch, 2 feet and up .....	5.50	50.00	450.00

➤ **Early Richmond.** Dark red, early.

➤ **Montmorency.** Dark red, midseason.

### PEACHES

#### ONE YEAR BUDS

	Per 10	Per 100	Per 1000
11-16 in and up, 4½ feet and up .....	8.50	80.00	750.00
9-16 to 11-16 inch, 4 feet and up .....	7.50	70.00	650.00
7-16 to 9-16 inch, 3 feet and up .....	6.00	55.00	500.00

➤ **Champion.** White, midseason, free.

➤ **Halehaven, Yellow, early, free.**

➤ **Early Elberta.** Yellow, midseason.

➤ **Heath Cling.** White, late cling.

➤ **Elberta.** Yellow, midseason, free.

➤ **J. H. Hale.** Yellow, midseason, free.

➤ **Golden Jubilee.** Yellow, early free.

**PEARS**

	Per 10	Per 100
11-16 inch and up, 4½ feet and up .....	12.00	110.00
9-16 to 11-16 inch, 4 feet and up .....	10.00	95.00
7-16 to 9-16 inch, 3 feet and up .....	8.00	75.00
<b>Bartlett.</b> September, highest quality. <b>Douglas.</b> October. Bears early and heavily. Good quality.		
<b>Kieffer.</b> October; cooking variety.		

**PLUMS**

	Per 10	Per 100
11-16 inch and up, 4½ feet and up .....	11.00	100.00
9-16 to 11-16 inch, 4 feet and up .....	9.00	85.00
7-16 to 9-16 inch, 3 feet and up .....	7.50	70.00
<b>Abundance.</b> Dark red, early. <b>Sapa.</b> Dark purple, very early.		
<b>Compass.</b> Cherry-plum. <b>Stanley.</b> Purple prune, Sept.		
<b>Hanska.</b> Bright red, bears early. <b>Waneta.</b> Red, heavy bearer.		

**ALMOND**

**Hall's Hardy Fruiting.** Can be grown wherever Peach trees will grow. Rapid growing, bears young. Large fine quality nuts. Attractive bloom, deep green foliage.

	Per 10	Per 100
5 to 6 feet .....	13.50	125.00
4 to 5 feet .....	12.00	110.00
2 to 3 feet .....	6.50	60.00

## Are You Familiar With These?

They are described in this price list. Further information will gladly be supplied upon request. Why not offer your customers something new and different? They will appreciate it and you will make additional profits.

**Ornamental Trees**

Amur Corktree .....	22
Christine Buisman Elm .....	18
Moraine Locust .....	20
Washington Thorn .....	23
Hybrid Elms .....	16
Double Flowering Peaches .....	23

**Ground Covers**

Plumbago larpentae .....	33
Euonymus fortunei coloratus .....	13
Purpleleaf Honeysuckle .....	14
English Ivy .....	13
Vinca (Periwinkle) .....	33

**Dwarf Shrubs**

Dupont Euonymus .....	30
Deutzia Gracilis .....	5

**Broadleaf Evergreens**

Euonymus fortunei, Sarcocoe .....	31
Euonymus Dupont .....	30
Purpleleaf Honeysuckle .....	14
Euonymus minimus .....	13

**Hedge Plants**

Euonymus Dupont .....	30
Border Privet .....	12
Spreading Amur Privet .....	12
Upright Euonymus Radicans .....	
(Fortunei) Sarcocoe .....	31

**Vines**

Redgold Honeysuckle .....	14
Purpleleaf Honeysuckle .....	14
Euonymus minimus .....	13

**Shrubs**

Deutzia Corymbosa .....	5
Floralart Butterfly Bush .....	2
Glowing Ember Quince .....	3
Indian Chief Quince .....	4
Nikko Blue Hydrangea .....	7
Weigela Newport .....	11
Blue Spirea, Azure .....	3

**Miscellaneous**

Multiple Apples .....	42
Hall's Hardy Almond .....	43

## SMALL FRUIT

### GRAPES

	Per 10	Per 100
➤ <b>CATAWBA.</b> Purplish-red, late, sweet and rich.		
2 year, No. 1 .....	3.00	25.00
➤ <b>CONCORD.</b> Large, black midseason; keeps 1 to 2 months.		
2 year, No. 1 .....	2.50	20.00
➤ <b>FREDONIA.</b> Early, black, good quality, bears heavily.		
2 year, No. 1 .....	3.00	25.00
➤ <b>NIAGARA.</b> Large yellowish-green, midseason.		
2 year, No. 1 .....	3.00	25.00

### BLACKBERRIES

	Per 100	Per 1000
➤ <b>EL DORADO.</b> Early, midseason, long season.		
No. 1 .....	7.00	65.00

### RASPBERRIES

➤ <b>CUMBERLAND.</b> Black, midseason, sweet, rich.		
No. 1 tips .....	8.00	75.00
➤ <b>LATHAM.</b> Red, very large, long season.		
No. 1 suckers .....	9.00	85.00

### CURRENTS

	Per 10	Per 100
➤ <b>RED LAKE.</b> Red, extra large, superior quality.		
2 year, No. 1 .....	3.00	25.00

### GOOSEBERRIES

➤ <b>HOUGHTON.</b> Dark red, very productive.		
2 year, No. 1 .....	4.00	35.00

## GARDEN ROOTS

ASPARAGUS.	Per 100	Per 1000
Washington, 2 year. ....	3.00	25.00
Washington, 1 year. ....	2.50	20.00

### RHUBARB.

Chipman's Canada Red. Strong divisions. ....	Per 10	Per 100
	4.50	40.00
Giant Victoria. Whole roots.		
1½ to 2 inch .....	Per 100	Per 1000
	12.50	110.00
1 to 1½ inch .....	9.00	80.00
¾ to 1 inch .....	7.00	60.00

# Plantainers

## NO MORE SEASONAL LIMITATIONS TO SALES

**PLANTAINER**-grown nursery stock can be confidently sold and planted from early spring to late fall. Nurseries, garden shops and plant marts no longer class container-grown plants as perishable.

Flowering shrubs and trees can be sold at the height of their most attractive period. Uniform eye appeal—attractive **PLANTAINERS** improve the appearance of all evergreens, trees, shrubs and make possible a better product in a far better sales package. No messy burlap or tar paper—just tap your **PLANTAINER** and the plant is ready to grow with an undisturbed root system. No setback—No losses!

## CONTROL THE VARIABLES IN YOUR GROWING OPERATION

Every variety of tree or shrub can be grown in the soil mixture best suited to its requirements, and the nutrient level of this mixture readily maintained. No expensive plant food or water is wasted on weed crops, headlands, or between field rows. Drought periods do not exist with **PLANTAINER** culture.

## LOWER PRODUCTION COSTS

No expensive digging or balling of plants . . . **PLANTAINER** stock is ready to deliver at all times.

More salable plants can be grown in less space. One acre will actually hold 184,240 **PLANTAINERS**. If one half of this theoretical acre were devoted to walks, service drives and display areas, there would still be space for 92,120 **PLANTAINER** items.

## HERE IT IS IN A NUTSHELL

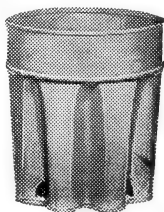
1. Healthier plants—stronger root system—attested to by satisfied users.
2. Tapered and crimped—permits nesting—space and time saving.
3. Have no rough edges—no serious hand and finger cuts.
4. Made of metal—durable—unbreakable.
5. Clean and sanitary—don't attract vermin and flies.
6. Painted green (baked enamel).
7. Enhance the beauty of plants and flowers.
8. Outlast other nursery cans—result—economy!—larger profits.

### One Gallon Size

Price f.o.b. Ottawa, Kansas

1 to 999	.13
1,000 to 9,000	.11
10,000 to 19,999	.10
20,000 to 29,999	.09
30,000 to 41,999	.08

Write for prices on minimum carload (42,000) f.o.b. your city.



(One Gallon Size)

### Two Gallon Size

Price f.o.b. Ottawa, Kansas

1 to 499	.26
500 to 999	.24
1,000 to 4,999	.23
5,000 and up	.22

The 2 gallon size is not crimped but has smooth, tapered sides with punched drainage holes.

**NOTE:** Above prices apply to cans loaded in bulk on customer's truck. Cans for l.c.l. shipment are available packed in cartons at 1c extra for 1 gal., 2c extra for 2 gal. Cans are packed 100 per carton.

1 gal. weigh 68 lbs. per 100; 2 gal. weigh 72 lbs. per 100.

## When you need containers

## . . . Buy Plantainers

## CONTAINER-GROWN NURSERY STOCK

In keeping with the trend of the times, we are now growing a large assortment of nursery stock in metal containers. Nurserymen all over the country are becoming interested in container-grown stock because they recognize its many advantages.

Our one gallon and two gallon cans are all PLANTAINERS. These cans are all tapered like a flower pot so it is not necessary to cut the can to remove the plant.

**There are many reasons** why you can make money with container-grown nursery stock. Here are some of them:

It is ready for the customer whenever he wants it. You lose fewer sales.

It is more convenient both for you and the customer because it is already "packaged."

It displays more attractively than bare root stock.

It extends your selling season by weeks and even months, thus increasing sales and profits.

It can be delivered to the customer in prime condition.

The customer gets better results and you get fewer complaints.

Your stock losses are less, because unsold stock can be carried over to the next season.

It appeals to a wider market, thus increasing volume of sales.

The customer can see exactly how plants look when in leaf and bloom.

Inventory control is simplified by the use of container stock. It is easier to maintain a balanced stock.

**Write for special price-list of container-grown nursery stock.**



**Well-grown container stock in our nursery.**



## VISITORS WELCOME

### WE INVITE YOU TO VISIT US!

We are always glad for the opportunity to show visitors over the nursery. Our location is sixty miles southwest of Kansas City, on U.S. 50 and U.S. 59. Ottawa is also on the main lines of the Santa Fe and the Missouri Pacific railroads. There is a good municipal airport, two miles south of the city, and one mile east of U.S. 59, which parallels the north-and-south railroad. If you fly in, phone us from the airport and we will call for you.



## "OPERATING A GARDEN CENTER"

by John J. Pinney

☆ 25 Chapters      ☆ 125 Pages      ☆ 61 illustrations

This book covers all phases of garden center operation. It will help those who are planning to build a garden center to avoid many mistakes. Those who have established garden centers will find in it many ideas for the more profitable operations of their business.

Bound in a handsome, green plastic cover and printed on heavy white enameled stock.

**\$3.00 per copy, postpaid**

## "BEGINNING IN THE NURSERY BUSINESS"

Second Edition

Revised and much enlarged

A 64-page book with chapters devoted to garden centers, landscape nurseries, mail-order nurseries, agency nurseries, container-grown stock, financing, and record-keeping.

**\$1.00 per copy, postpaid**

## WILT-PRUF

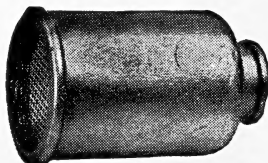


## WILT-PRUF

Wilt-Pruf is a liquid plastic. When plant materials are sprayed or dipped in Wilt-Pruf, they are enclosed in a colorless protective plastic film which brings out the inherent beauty of the plant and then performs the important duty of protecting the plant against such menaces as drying out when indoors, or winter-burn and summer-scald when out-doors.

5 gallon cans .....	\$30.75
1 gallon glass jugs (mailable) .....	6.60
8 oz. glass container with plunger type dispenser .....	.75
f.o.b. Ottawa	

## WATER BREAKER



Rex AquaFlo. The only water breaker that gives your soil a bubble-bath. The best device we have ever found for watering pots and cans without splashing. Made of cast aluminum. Fits any standard coupling for 5/8 inch hose.

Each (postage extra) ..... **\$3.50**

# Supplies For Nurserymen and Florists

**PRICES** on all supplies subject to change without notice.

**PRICES** on all supplies are net cash.

**Budding Strips.** Rubber. Write for price list.

**Platebook, New.** 64 pages of full color illustrations and descriptions of shrubs, evergreens, shades and ornamentals, hedges, roses, perennials, and bulbs, postpaid—each. .... 3.50

**Catalogue Plate Book.** 48 pages, 95 plates, 82 in colors, postpaid. .... .50

**Calipers, Tree.** Measures fraction of inch and millimeters, up to  $\frac{3}{4}$  inch, postpaid. .... each 1.25

**Grafting Tape.** 60-yard roll,  $\frac{1}{2}$  inch wide. Per roll (postage extra). ... 1.00  
25 rolls or more, not postpaid. .... each .90

**Labels, Tree.** Wooden, notched, iron wire,  $3\frac{1}{2}$  inch, plain, per 1000 not postpaid. .... 4.50

**Labels, Tree.** Wooden, notched, copper wire,  $3\frac{1}{2}$  inch, painted, per 1,000 not postpaid. .... 5.00

**Labels, Paper Strap.**

Made of tough manila paper  $6 \times \frac{1}{2}$  inches. Sold only in packages of 1,000; per 1,000 not postpaid. .... 1.25

**Labels, Pot.** Wooden,  $\frac{5}{8}$  inch wide.

	Packed in Carton	Plain Per 1,000	Painted Per 1,000
4 inch	1,000	3.25	4.00
5 inch	1,000	3.50	4.25
6 inch	1,000	3.75	4.65
8 inch	500	5.50	6.50
10 inch	500	6.75	8.00

**Moss.** Sphagnum, wire bound bales, per bale ..... 3.25

**Nails.** Pinning, needlepoint, 2 inch. Per lb., not postpaid ..... .25  
50-lb. boxes, Per 100 lbs., \$20.00, f.o.b. Ottawa.

**Pencils.** Waterproof, for labels and tags, per dozen, postpaid. .... 1.25

**Wax, Grafting.** Made in Switzerland. Sample free. Per lb. .... 1.25

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Wholesale Price List

Spring 1959

**WILLIS NURSERY COMPANY**  
**Ottawa, Kansas**